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FEDERALLY ENFORCEABLE STATE OPERATING PERMIT (FESOP)

OFFICE OF AIR QUALITY

**Central States Enterprises, Inc.
6627 N 400 E
Montpelier, Indiana 47359**

(herein known as the Permittee) is hereby authorized to operate subject to the conditions contained herein, the source described in Section A (Source Summary) of this permit.

This permit is issued in accordance with 326 IAC 2 and 40 CFR Part 70 Appendix A and contains the conditions and provisions specified in 326 IAC 2-8 as required by 42 U.S.C. 7401, et. seq. (Clean Air Act as amended by the 1990 Clean Air Act Amendments), 40 CFR Part 70.6, IC 13-15 and IC 13-17.

Operation Permit No.: F009-16953-00021	
Issued by: Original signed by Paul Dubenetzky Paul Dubenetzky, Branch Chief Office of Air Quality	Issuance Date: April 24, 2003 Expiration Date: April 24, 2008

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SECTION A SOURCE SUMMARY

This permit is based on information requested by the Indiana Department of Environmental Management (IDEM), Office of Air Quality (OAQ). The information describing the source contained in Conditions A.1 through A.3 is descriptive information and does not constitute enforceable conditions. However, the Permittee should be aware that a physical change or a change in the method of operation that may render this descriptive information obsolete or inaccurate may trigger requirements for the Permittee to obtain additional permits or seek modification of this permit pursuant to 326 IAC 2, or change other applicable requirements presented in the permit application.

A.1 General Information [326 IAC 2-8-3(b)]

The Permittee owns and operates a stationary grain elevator.

Authorized individual:	Vice President, Indiana Operations
Source Address:	6627 N 400 E, Montpelier, Indiana 47359
Mailing Address:	P.O. Box 323, New Haven, Indiana 46774
General Source Phone:	(260) 749-0022
SIC Code:	5153
Source Location Status:	Blackford
Source Status:	Attainment for all criteria pollutants Federally Enforceable State Operating Permit (FESOP) Minor Source under PSD Rules Minor Source Section 112 of the Clean Air Act Not 1 of 28 Source Categories

A.2 Emission Units and Pollution Control Equipment Summary [326 IAC 2-8-3(c)(3)]

This stationary source consists of the following emission units and pollution control devices:

One (1) grain elevator, comprised of the following equipment:

- (a) One (1) red truck unloading bay, identified as TD1, one (1) yellow truck/rail unloading bay, identified as TD2, and one (1) truck/rail loading bay, identified as Shipping, each constructed in 1997, each with a maximum capacity of 630 tons per hour, with emissions controlled by one (1) baghouse, and all exhausting to stack S-1.
- (b) One (1) natural gas-fired column grain dryer, identified as Dryer, constructed in 1997, with a 0.078 inch screen, a maximum throughput of 150 tons per hour, and a maximum heat input of 20 million British thermal units per hour, and exhausting to stack S-2.
- (c) Headhouse, legs, and internal operations, constructed in 1997, with emissions uncontrolled.

A.3 Insignificant Activities [326 IAC 2-7-1(21)] [326 IAC 2-8-3(c)(3)(I)]

This stationary source also includes the following insignificant activities, as defined in 326 IAC 2-7-1(21):

- (a) Paved and unpaved roads and parking lots with public access [326 IAC 6-4][326 IAC 6-5].
- (b) Activities with emissions equal to or less than the following thresholds: 5 tons per year PM or PM10, 10 tons per year SO2, NOx, or VOC, 0.2 tons per year Pb, 1.0 tons per year of a single HAP, or 2.5 tons per year of any combination of HAPs:
 - (1) Thirteen (13) storage silos, identified as Silo 10, 11, 20, 21, 22, 30, 31, 32, 33, 34, 35, 36, and 42, constructed in 1997, 1997, 1997, 1997, 1997, 1997, 1997, 1997, 1997, 1999, 2002, 2002, and 2003, respectively, with maximum capacities

of 60,000, 60,000, 3,480, 23,760, 60,000, 15,240, 23,760, 23,760, 23,760, 60,000, 78,000, 78,000, and 180,000 tons, respectively, and all exhausting through stack S-3 [326 IAC 6-3-2].

- (2) Totally enclosed internal operations including all grain elevators and transfer points.
- (3) One (1) mineral oil storage tank with a capacity of 10,000 gallons.
- (4) Storage piles, identified as pile XT2 and XT3.
- (c) Natural gas-fired combustion sources with heat input equal to or less than ten million (10,000,000) British thermal units per hour:
 - (1) Three (3) natural gas-fired space heaters, each with a maximum capacity of 0.024 million British thermal units per hour.
 - (2) Two (2) natural gas-fired space heaters, each with a maximum capacity of 0.20 million British thermal units per hour.
 - (3) Two (2) natural gas-fired space heaters, each with a maximum capacity of 0.11 million British thermal units per hour.
- (d) Storage tanks with capacities less than or equal to 1,000 gallons and annual throughputs less than 12,000 gallons:
 - (1) One (1) gasoline storage tank with a maximum capacity of 500 gallons.
 - (2) One (1) diesel fuel storage tank with a maximum capacity of 550 gallons.
- (e) A gasoline fuel transfer and dispensing operation handling less than or equal to 1,300 gallons per day, such as filling of tanks, locomotives, automobiles, having a storage capacity less than or equal to 10,500 gallons
- (f) A petroleum fuel, other than gasoline, dispensing facility, having a storage capacity of less than or equal to 10,500 gallons, and dispensing less than or equal to 230,000 gallons per month.
- (g) Application of oils, greases, lubricants or other nonvolatile materials applied as temporary protective coatings.
- (h) Underground conveyors.

A.4 FESOP Applicability [326 IAC 2-8-2]

This stationary source, otherwise required to have a Part 70 permit as described in 326 IAC 2-7-2(a), has applied to the Indiana Department of Environmental Management (IDEM), Office of Air Quality (OAQ) for a Federally Enforceable State Operating Permit (FESOP).

A.5 Prior Permits Superseded [326 IAC 2-1.1-9.5]

- (a) All terms and conditions of previous permits issued pursuant to permitting programs approved into the state implementation plan have been either
 - (1) incorporated as originally stated,
 - (2) revised, or

(3) deleted

by this permit.

(b) All previous registrations and permits are superseded by this permit.

SECTION B

GENERAL CONDITIONS

B.1 Permit No Defense [IC 13]

Indiana statutes from IC 13 and rules from 326 IAC, quoted in conditions in this permit, are those applicable at the time the permit was issued. The issuance or possession of this permit shall not alone constitute a defense against an alleged violation of any law, regulation or standard, except for the requirement to obtain a FESOP under 326 IAC 2-8.

B.2 Definitions [326 IAC 2-8-1]

Terms in this permit shall have the definition assigned to such terms in the referenced regulation. In the absence of definitions in the referenced regulation, the applicable definitions found in the statutes or regulations (IC 13-11, 326 IAC 1-2, and 326 IAC 2-7) shall prevail.

B.3 Permit Term [326 IAC 2-8-4(2)][326 IAC 2-1.1-9.5]

This permit is issued for a fixed term of five (5) years from the issuance date of this permit, as determined in accordance with IC 4-21.5-3-5(f) and IC 13-15-5-3. Subsequent revisions, modifications, or amendments of this permit do not affect the expiration date.

B.4 Enforceability [326 IAC 2-8-6]

Unless otherwise stated, all terms and conditions in this permit, including any provisions designed to limit the source's potential to emit, are enforceable by IDEM, the United States Environmental Protection Agency (U.S. EPA) and by citizens in accordance with the Clean Air Act.

B.5 Termination of Right to Operate [326 IAC 2-8-9] [326 IAC 2-8-3(h)]

The Permittee's right to operate this source terminates with the expiration of this permit unless a timely and complete renewal application is submitted at least nine (9) months prior to the date of expiration of the source's existing permit, consistent with 326 IAC 2-8-3(h) and 326 IAC 2-8-9.

B.6 Severability [326 IAC 2-8-4(4)]

The provisions of this permit are severable; a determination that any portion of this permit is invalid shall not affect the validity of the remainder of the permit.

B.7 Property Rights or Exclusive Privilege [326 IAC 2-8-4(5)(D)]

This permit does not convey any property rights of any sort, or any exclusive privilege.

B.8 Duty to Supplement and Provide Information [326 IAC 2-8-3(f)] [326 IAC 2-8-4(5)(E)] [326 IAC 2-8-5(a)(4)]

- (a) The Permittee, upon becoming aware that any relevant facts were omitted or incorrect information was submitted in the permit application, shall promptly submit such supplementary facts or corrected information to:

Indiana Department of Environmental Management
Permits Branch, Office of Air Quality
100 North Senate Avenue, P.O. Box 6015
Indianapolis, Indiana 46206-6015

The submittal by the Permittee does require the certification by the "authorized individual" as defined by 326 IAC 2-1.1-1(1).

- (b) The Permittee shall furnish to IDEM, OAQ, within a reasonable time, any information that IDEM, OAQ, may request in writing to determine whether cause exists for modifying, revoking and reissuing, or terminating this permit, or to determine compliance with this permit. The submittal by the Permittee does require the certification by the "authorized individual" as defined by 326 IAC 2-1.1-1(1). Upon request, the Permittee shall also furnish to IDEM, OAQ, copies of records required to be kept by this permit.

- (c) For information furnished by the Permittee to IDEM, OAQ, the Permittee may include a claim of confidentiality in accordance with 326 IAC 17.1. When furnishing copies of requested records directly to U. S. EPA, the Permittee may assert a claim of confidentiality in accordance with 40 CFR 2, Subpart B.

B.9 Compliance Order Issuance [326 IAC 2-8-5(b)]

IDEM, OAQ may issue a compliance order to this Permittee upon discovery that this permit is in nonconformance with an applicable requirement. The order may require immediate compliance or contain a schedule for expeditious compliance with the applicable requirement.

B.10 Compliance with Permit Conditions [326 IAC 2-8-4(5)(A)] [326 IAC 2-8-4(5)(B)]

- (a) The Permittee must comply with all conditions of this permit. Noncompliance with any provisions of this permit is grounds for:
 - (1) Enforcement action;
 - (2) Permit termination, revocation and reissuance, or modification; and
 - (3) Denial of a permit renewal application.
- (b) It shall not be a defense for the Permittee in an enforcement action that it would have been necessary to halt or reduce the permitted activity in order to maintain compliance with the conditions of this permit.
- (c) An emergency does constitute an affirmative defense in an enforcement action provided the Permittee complies with the applicable requirements set forth in Section B, Emergency Provisions.

B.11 Certification [326 IAC 2-8-3(d)] [326 IAC 2-8-4(3)(C)(i)] [326 IAC 2-8-5(1)]

- (a) Where specifically designated by this permit or required by an applicable requirement, any application form, report, or compliance certification submitted shall contain certification by an authorized individual of truth, accuracy, and completeness. This certification, shall state that, based on information and belief formed after reasonable inquiry, the statements and information in the document are true, accurate, and complete.
- (b) One (1) certification shall be included, using the attached Certification Form, with each submittal requiring certification.
- (c) An authorized individual is defined at 326 IAC 2-1.1-1(1).

B.12 Annual Compliance Certification [326 IAC 2-8-5(a)(1)]

- (a) The Permittee shall annually submit a compliance certification report which addresses the status of the source's compliance with the terms and conditions contained in this permit, including emission limitations, standards, or work practices. The initial certification shall cover the time period from the date of final permit issuance through December 31 of the same year. All subsequent certifications shall cover the time period from January 1 to December 31 of the previous year, and shall be submitted in letter form no later than July 1 of each year to:

Indiana Department of Environmental Management
Compliance Branch, Office of Air Quality
100 North Senate Avenue, P.O. Box 6015
Indianapolis, Indiana 46206-6015

- (b) The annual compliance certification report required by this permit shall be considered timely if the date postmarked on the envelope or certified mail receipt, or affixed by the

shipper on the private shipping receipt, is on or before the date it is due. If the document is submitted by any other means, it shall be considered timely if received by IDEM, OAQ, on or before the date it is due.

- (c) The annual compliance certification report shall include the following:
- (1) The appropriate identification of each term or condition of this permit that is the basis of the certification;
 - (2) The compliance status;
 - (3) Whether compliance was continuous or intermittent;
 - (4) The methods used for determining the compliance status of the source, currently and over the reporting period consistent with 326 IAC 2-8-4(3); and
 - (5) Such other facts as specified in Sections D of this permit, IDEM, OAQ, may require to determine the compliance status of the source.

The notification which shall be submitted by the Permittee does require the certification by the "authorized individual" as defined by 326 IAC 2-1.1-1(1).

B.13 Preventive Maintenance Plan [326 IAC 1-6-3] [326 IAC 2-8-4(9)] [326 IAC 2-8-5(a)(1)]

- (a) If required by specific condition(s) in Section D of this permit, the Permittee shall prepare and maintain Preventive Maintenance Plans (PMPs) within ninety (90) days after issuance of this permit, including the following information on each facility:
- (1) Identification of the individual(s) responsible for inspecting, maintaining, and repairing emission control devices;
 - (2) A description of the items or conditions that will be inspected and the inspection schedule for said items or conditions; and
 - (3) Identification and quantification of the replacement parts that will be maintained in inventory for quick replacement.

If due to circumstances beyond the Permittee's control, the PMPs cannot be prepared and maintained within the above time frame, the Permittee may extend the date an additional ninety (90) days provided the Permittee notifies:

Indiana Department of Environmental Management
Compliance Branch, Office of Air Quality
100 North Senate Avenue, P. O. Box 6015
Indianapolis, Indiana 46206-6015

The PMP extension notification does not require the certification by the "authorized individual" as defined by 326 IAC 2-1.1-1(1).

- (b) The Permittee shall implement the PMPs as necessary to ensure that failure to implement a PMP does not cause or contribute to a violation of any limitation on emissions or potential to emit.
- (c) A copy of the PMPs shall be submitted to IDEM, OAQ, upon request and within a reasonable time, and shall be subject to review and approval by IDEM, OAQ. IDEM, OAQ, may require the Permittee to revise its PMPs whenever lack of proper maintenance causes or contributes to any violation. The PMP does not require the certification by the "authorized individual" as defined by 326 IAC 2-1.1-1(1).

- (d) Records of preventive maintenance shall be retained for a period of at least five (5) years. These records shall be kept at the source location for a minimum of three (3) years. The records may be stored elsewhere for the remaining two (2) years as long as they are available upon request. If the Commissioner makes a request for records to the Permittee, the Permittee shall furnish the records to the Commissioner within a reasonable time.

B.14 Emergency Provisions [326 IAC 2-8-12]

- (a) An emergency, as defined in 326 IAC 2-7-1(12), is not an affirmative defense for an action brought for noncompliance with a federal or state health-based emission limitation, except as provided in 326 IAC 2-8-12.
- (b) An emergency, as defined in 326 IAC 2-7-1(12), constitutes an affirmative defense to an action brought for noncompliance with a health-based or technology-based emission limitation if the affirmative defense of an emergency is demonstrated through properly signed, contemporaneous operating logs or other relevant evidence that describes the following:

- (1) An emergency occurred and the Permittee can, to the extent possible, identify the causes of the emergency;
- (2) The permitted facility was at the time being properly operated;
- (3) During the period of an emergency, the Permittee took all reasonable steps to minimize levels of emissions that exceeded the emission standards or other requirements in this permit;
- (4) For each emergency lasting one (1) hour or more, the Permittee notified IDEM, OAQ, within four (4) daytime business hours after the beginning of the emergency, or after the emergency was discovered or reasonably should have been discovered;

Telephone No.: 1-800-451-6027 (ask for Office of Air Quality, Compliance Section) or,
Telephone No.: 317-233-5674 (ask for Compliance Section)
Facsimile No.: 317-233-5967

- (5) For each emergency lasting one (1) hour or more, the Permittee submitted the attached Emergency Occurrence Report Form or its equivalent, either by mail or facsimile to:

Indiana Department of Environmental Management
Compliance Branch, Office of Air Quality
100 North Senate Avenue, P.O. Box 6015
Indianapolis, Indiana 46206-6015

within two (2) working days of the time when emission limitations were exceeded due to the emergency.

The notice fulfills the requirement of 326 IAC 2-8-4(3)(C)(ii) and must contain the following:

- (A) A description of the emergency;
- (B) Any steps taken to mitigate the emissions; and

(C) Corrective actions taken.

The notification which shall be submitted by the Permittee does not require the certification by the "authorized individual" as defined by 326 IAC 2-1.1-1(1).

(6) The Permittee immediately took all reasonable steps to correct the emergency.

- (c) In any enforcement proceeding, the Permittee seeking to establish the occurrence of an emergency has the burden of proof.
- (d) This emergency provision supersedes 326 IAC 1-6 (Malfunctions). This permit condition is in addition to any emergency or upset provision contained in any applicable requirement.
- (e) IDEM, OAQ, may require that the Preventive Maintenance Plans required under 326 IAC 2-8-3(c)(6) be revised in response to an emergency.
- (f) Failure to notify IDEM, OAQ, by telephone or facsimile of an emergency lasting more than one (1) hour in accordance with (b)(4) and (5) of this condition shall constitute a violation of 326 IAC 2-8 and any other applicable rules.
- (g) Operations may continue during an emergency only if the following conditions are met:
 - (1) If the emergency situation causes a deviation from a technology-based limit, the Permittee may continue to operate the affected emitting facilities during the emergency provided the Permittee immediately takes all reasonable steps to correct the emergency and minimize emissions.
 - (2) If an emergency situation causes a deviation from a health-based limit, the Permittee may not continue to operate the affected emissions facilities unless:
 - (A) The Permittee immediately takes all reasonable steps to correct the emergency situation and to minimize emissions; and
 - (B) Continued operation of the facilities is necessary to prevent imminent injury to persons, severe damage to equipment, substantial loss of capital investment, or loss of product or raw material of substantial economic value.
- (h) The Permittee shall include all emergencies in the Quarterly Deviation and Compliance Monitoring Report.

Any operations shall continue no longer than the minimum time required to prevent the situations identified in (g)(2)(B) of this condition.

B.15 Deviations from Permit Requirements and Conditions [326 IAC 2-8-4(3)(C)(ii)]

- (a) Deviations from any permit requirements (for emergencies see Section B - Emergency Provision), the probable cause of such deviations, and any response steps or preventive measures taken shall be reported to:

Indiana Department of Environmental Management
Compliance Data Section, Office of Air Quality
100 North Senate Avenue, P.O. Box 6015
Indianapolis, Indiana 46206-6015

using the attached Quarterly Deviation and Compliance Monitoring Report, or its equivalent. A deviation required to be reported pursuant to an applicable requirement

that exists independent of this permit, shall be reported according to the schedule stated in the applicable requirement and does need to be included in this report.

The Quarterly Deviation and Compliance Monitoring Report does require the certification by the "authorized individual" as defined by 326 IAC 2-1.1-1(1).

- (b) A deviation is an exceedance of a permit limitation or a failure to comply with a requirement of the permit.

B.16 Permit Modification, Reopening, Revocation and Reissuance, or Termination

[326 IAC 2-8-4(5)(C)] [326 IAC 2-8-7(a)] [326 IAC 2-8-8]

- (a) This permit may be modified, reopened, revoked and reissued, or terminated for cause. The filing of a request by the Permittee for a FESOP modification, revocation and reissuance, or termination, or of a notification of planned changes or anticipated noncompliance does not stay any condition of this permit. [326 IAC 2-8-4(5)(C)] The notification by the Permittee does require the certification by the "authorized individual" as defined by 326 IAC 2-1.1-1(1).
- (b) This permit shall be reopened and revised under any of the circumstances listed in IC 13-15-7-2 or if IDEM, OAQ determines any of the following:
 - (1) That this permit contains a material mistake.
 - (2) That inaccurate statements were made in establishing the emissions standards or other terms or conditions.
 - (3) That this permit must be revised or revoked to assure compliance with an applicable requirement. [326 IAC 2-8-8(a)]
- (c) Proceedings by IDEM, OAQ, to reopen and revise this permit shall follow the same procedures as apply to initial permit issuance and shall affect only those parts of this permit for which cause to reopen exists. Such reopening and revision shall be made as expeditiously as practicable. [326 IAC 2-8-8(b)]
- (d) The reopening and revision of this permit, under 326 IAC 2-8-8(a), shall not be initiated before notice of such intent is provided to the Permittee by IDEM, OAQ, at least thirty (30) days in advance of the date this permit is to be reopened, except that IDEM, OAQ, may provide a shorter time period in the case of an emergency. [326 IAC 2-8-8(c)]

B.17 Permit Renewal [326 IAC 2-8-3(h)]

- (a) The application for renewal shall be submitted using the application form or forms prescribed by IDEM, OAQ and shall include the information specified in 326 IAC 2-8-3. Such information shall be included in the application for each emission unit at this source, except those emission units included on the trivial or insignificant activities list contained in 326 IAC 2-7-1(21) and 326 IAC 2-7-1(40). The renewal application does require the certification by the "authorized individual" as defined by 326 IAC 2-1.1-1(1).

Request for renewal shall be submitted to:

Indiana Department of Environmental Management
Permits Branch, Office of Air Quality
100 North Senate Avenue, P.O. Box 6015
Indianapolis, IN 46206-6015

- (b) Timely Submittal of Permit Renewal [326 IAC 2-8-3]
 - (1) A timely renewal application is one that is:

- (A) Submitted at least nine (9) months prior to the date of the expiration of this permit; and
- (B) If the date postmarked on the envelope or certified mail receipt, or affixed by the shipper on the private shipping receipt, is on or before the date it is due. If the document is submitted by any other means, it shall be considered timely if received by IDEM, OAQ, on or before the date it is due.
- (2) If IDEM, OAQ upon receiving a timely and complete permit application, fails to issue or deny the permit renewal prior to the expiration date of this permit, this existing permit shall not expire and all terms and conditions shall continue in effect until the renewal permit has been issued or denied.
- (c) Right to Operate After Application for Renewal [326 IAC 2-8-9]
If the Permittee submits a timely and complete application for renewal of this permit, the source's failure to have a permit is not a violation of 326 IAC 2-8 until IDEM, OAQ takes final action on the renewal application, except that this protection shall cease to apply if, subsequent to the completeness determination, the Permittee fails to submit by the deadline specified in writing by IDEM, OAQ, any additional information identified as needed to process the application.

B.18 Permit Amendment or Revision [326 IAC 2-8-10] [326 IAC 2-8-11.1]

- (a) Permit amendments and revisions are governed by the requirements of 326 IAC 2-8-10 or 326 IAC 2-8-11.1 whenever the Permittee seeks to amend or modify this permit.
- (b) Any application requesting an amendment or modification of this permit shall be submitted to:

Indiana Department of Environmental Management
Permits Branch, Office of Air Quality
100 North Senate Avenue, P.O. Box 6015
Indianapolis, Indiana 46206-6015

Any such application shall be certified by the "authorized individual" as defined by 326 IAC 2-1.1-1(1).
- (c) The Permittee may implement the administrative amendment changes addressed in the request for an administrative amendment immediately upon submittal of the request. [326 IAC 2-8-10(b)(3)]

B.19 Operational Flexibility [326 IAC 2-8-15][326 IAC 2-8-11.1]

- (a) The Permittee may make any change or changes at this source that are described in 326 IAC 2-8-15(b) through (d), without prior permit revision, if each of the following conditions is met:
 - (1) The changes are not modifications under any provision of Title I of the Clean Air Act;
 - (2) Any approval required by 326 IAC 2-8-11.1 has been obtained;
 - (3) The changes do not result in emissions which exceed the emissions allowable under this permit (whether expressed herein as a rate of emissions or in terms of total emissions);
 - (4) The Permittee notifies the:

Indiana Department of Environmental Management
Permits Branch, Office of Air Quality
100 North Senate Avenue, P.O. Box 6015
Indianapolis, Indiana 46206-6015

and

United States Environmental Protection Agency, Region V
Air and Radiation Division, Regulation Development Branch - Indiana (AR-18J)
77 West Jackson Boulevard
Chicago, Illinois 60604-3590

in advance of the change by written notification at least ten (10) days in advance of the proposed change. The Permittee shall attach every such notice to the Permittee's copy of this permit; and

- (5) The Permittee maintains records on-site which document, on a rolling five (5) year basis, all such changes and emissions trading that are subject to 326 IAC 2-8-15(b) through (d) and makes such records available, upon reasonable request, to public review.

Such records shall consist of all information required to be submitted to IDEM, OAQ, in the notices specified in 326 IAC 2-8-15(b)(2), (c)(1), and (d).

- (b) Emission Trades [326 IAC 2-8-15(c)]
The Permittee may trade increases and decreases in emissions in the source, where the applicable SIP provides for such emission trades without requiring a permit revision, subject to the constraints of Section (a) of this condition and those in 326 IAC 2-8-15(c).
- (c) Alternative Operating Scenarios [326 IAC 2-8-15(d)]
The Permittee may make changes at the source within the range of alternative operating scenarios that are described in the terms and conditions of this permit in accordance with 326 IAC 2-8-4(7). No prior notification of IDEM, OAQ or U.S. EPA is required.

B.20 Permit Revision Requirement [326 IAC 2-8-11.1]

A modification, construction, or reconstruction is governed by the requirements of 326 IAC 2 and 326 IAC 2-8-11.1.

B.21 Inspection and Entry [326 IAC 2-8-5(a)(2)] [IC 13-14-2-2]

Upon presentation of proper identification cards, credentials, and other documents as may be required by law, and subject to the Permittee's right under all applicable laws and regulations to assert that the information collected by the agency is confidential and entitled to be treated as such, the Permittee shall allow IDEM, OAQ, U.S. EPA, or an authorized representative to perform the following:

- (a) Enter upon the Permittee's premises where a FESOP source is located, or emissions related activity is conducted, or where records must be kept under the conditions of this permit;
- (b) Have access to and copy, at reasonable times, any records that must be kept under the conditions of this permit;
- (c) Inspect, at reasonable times, any facilities, equipment (including monitoring and air pollution control equipment), practices, or operations regulated or required under this permit;

- (d) Sample or monitor, at reasonable times, substances or parameters for the purpose of assuring compliance with this permit or applicable requirements; and
- (e) Utilize any photographic, recording, testing, monitoring, or other equipment for the purpose of assuring compliance with this permit or applicable requirements.

B.22 Transfer of Ownership or Operational Control [326 IAC 2-8-10]

- (a) The Permittee must comply with the requirements of 326 IAC 2-8-10 whenever the Permittee seeks to change the ownership or operational control of the source and no other change in the permit is necessary.
- (b) Any application requesting a change in the ownership or operational control of the source shall contain a written agreement containing a specific date for transfer of permit responsibility, coverage and liability between the current and new Permittee. The application shall be submitted to:

Indiana Department of Environmental Management
Permits Branch, Office of Air Quality
100 North Senate Avenue, P.O. Box 6015
Indianapolis, Indiana 46206-6015

The application which shall be submitted by the Permittee does require the certification by the "authorized individual" as defined by 326 IAC 2-1.1-1(1).

- (c) The Permittee may implement administrative amendment changes addressed in the request for an administrative amendment immediately upon submittal of the request. [326 IAC 2-8-10(b)(3)]

B.23 Annual Fee Payment [326 IAC 2-7-19] [326 IAC 2-8-4(6)] [326 IAC 2-8-16][326 IAC 2-1.1-7]

- (a) The Permittee shall pay annual fees to IDEM, OAQ, within thirty (30) calendar days of receipt of a billing. Pursuant to 326 IAC 2-7-19(b), if the Permittee does not receive a bill from IDEM, OAQ the applicable fee is due April 1 of each year.
- (b) Failure to pay may result in administrative enforcement action, or revocation of this permit.
- (c) The Permittee may call the following telephone numbers: 1-800-451-6027 or 317-233-4320 (ask for OAQ, I/M & Billing Section), to determine the appropriate permit fee.

SECTION C SOURCE OPERATION CONDITIONS

Entire Source

Emissions Limitations and Standards [326 IAC 2-8-4(1)]

C.1 Particulate Emission Limitations For Processes with Process Weight Rates Less Than One Hundred (100) pounds per hour [40 CFR 52 Subpart P][326 IAC 6-3-2]

- (a) Pursuant to 40 CFR 52 Subpart P, the allowable particulate matter emissions rate from any process not already regulated by 326 IAC 6-1 or any New Source Performance Standard, and which has a maximum process weight rate less than 100 pounds per hour shall not exceed 0.551 pounds per hour.
- (b) Pursuant to 326 IAC 6-3-2(e)(2), the allowable particulate emissions rate from any process not exempt under 326 IAC 6-3-1(b) or (c) which has a maximum process weight rate less than 100 pounds per hour and the methods in 326 IAC 6-3-2(b) through (d) do not apply shall not exceed 0.551 pounds per hour.

C.2 Overall Source Limit [326 IAC 2-8]

The purpose of this permit is to limit this source's potential to emit to less than major source levels for the purpose of Section 502(a) of the Clean Air Act.

- (a) Pursuant to 326 IAC 2-8:
 - (1) The potential to emit any regulated pollutant, except particulate matter (PM), from the entire source shall be limited to less than one-hundred (100) tons per twelve (12) consecutive month period. This limitation shall also satisfy the requirements of 326 IAC 2-3 (Emission Offset);
 - (2) The potential to emit any individual hazardous air pollutant (HAP) from the entire source shall be limited to less than ten (10) tons per twelve (12) consecutive month period; and
 - (3) The potential to emit any combination of HAPs from the entire source shall be limited to less than twenty-five (25) tons per twelve (12) consecutive month period.
- (b) Pursuant to 326 IAC 2-2 (Prevention of Significant Deterioration (PSD)), potential to emit particulate matter (PM) from the entire source shall be limited to less than two hundred fifty (250) tons per twelve (12) consecutive month period.
- (c) This condition shall include all emission points at this source including those that are insignificant as defined in 326 IAC 2-7-1(21). The source shall be allowed to add insignificant activities not already listed in this permit, provided the source's potential to emit does not exceed the above specified limits.
- (d) Section D of this permit contains independently enforceable provisions to satisfy this requirement.

C.3 Opacity [326 IAC 5-1]

Pursuant to 326 IAC 5-1-2 (Opacity Limitations), except as provided in 326 IAC 5-1-3 (Temporary Alternative Opacity Limitations), opacity shall meet the following, unless otherwise stated in this permit:

- (a) Opacity shall not exceed an average of forty percent (40%) in any one (1) six (6) minute averaging period as determined in 326 IAC 5-1-4.

- (b) Opacity shall not exceed sixty percent (60%) for more than a cumulative total of fifteen (15) minutes (sixty (60) readings as measured according to 40 CFR 60, Appendix A, Method 9 or fifteen (15) one (1) minute nonoverlapping integrated averages for a continuous opacity monitor) in a six (6) hour period.

C.4 Open Burning [326 IAC 4-1] [IC 13-17-9]

The Permittee shall not open burn any material except as provided in 326 IAC 4-1-3, 326 IAC 4-1-4 or 326 IAC 4-1-6. The previous sentence notwithstanding, the Permittee may open burn in accordance with an open burning approval issued by the Commissioner under 326 IAC 4-1-4.1.

C.5 Incineration [326 IAC 4-2] [326 IAC 9-1-2(3)]

The Permittee shall not operate an incinerator or incinerate any waste or refuse except as provided in 326 IAC 4-2 and in 326 IAC 9-1-2.

C.6 Fugitive Dust Emissions [326 IAC 6-4]

The Permittee shall not allow fugitive dust to escape beyond the property line or boundaries of the property, right-of-way, or easement on which the source is located, in a manner that would violate 326 IAC 6-4 (Fugitive Dust Emissions).

C.7 Fugitive Particulate Matter Emission Limitations [326 IAC 6-5]

Pursuant to 326 IAC 6-5 (Fugitive Particulate Matter Emission Limitations), fugitive particulate matter emissions shall be controlled according to the plan stating that the roads shall be swept on an as needed basis.

C.8 Operation of Equipment [326 IAC 2-8-5(a)(4)]

Except as otherwise provided by statute, rule or in this permit, all air pollution control equipment listed in this permit and used to comply with an applicable requirement shall be operated at all times that the emission units vented to the control equipment are in operation.

C.9 Stack Height [326 IAC 1-7]

The Permittee shall comply with the applicable provisions of 326 IAC 1-7 (Stack Height Provisions), for all exhaust stacks through which a potential (before controls) of twenty-five (25) tons per year or more of particulate matter or sulfur dioxide is emitted.

C.10 Asbestos Abatement Projects [326 IAC 14-10] [326 IAC 18] [40 CFR 61, Subpart M]

- (a) Notification requirements apply to each owner or operator. If the combined amount of regulated asbestos containing material (RACM) to be stripped, removed or disturbed is at least 260 linear feet on pipes or 160 square feet on other facility components, or at least thirty-five (35) cubic feet on all facility components, then the notification requirements of 326 IAC 14-10-3 are mandatory. All demolition projects require notification whether or not asbestos is present.
- (b) The Permittee shall ensure that a written notification is sent on a form provided by the Commissioner at least ten (10) working days before asbestos stripping or removal work or before demolition begins, per 326 IAC 14-10-3, and shall update such notice as necessary, including, but not limited to the following:
 - (1) When the amount of affected asbestos containing material increases or decreases by at least twenty percent (20%); or
 - (2) If there is a change in the following:
 - (A) Asbestos removal or demolition start date;
 - (B) Removal or demolition contractor; or
 - (C) Waste disposal site.

- (c) The Permittee shall ensure that the notice is postmarked or delivered according to the guidelines set forth in 326 IAC 14-10-3(2).
- (d) The notice to be submitted shall include the information enumerated in 326 IAC 14-10-3(3).

All required notifications shall be submitted to:

Indiana Department of Environmental Management
Asbestos Section, Office of Air Quality
100 North Senate Avenue, P.O. Box 6015
Indianapolis, Indiana 46206-6015

The notice shall include a signed certification from the owner or operator that the information provided in this notification is correct and that only Indiana licensed workers and project supervisors will be used to implement the asbestos removal project. The notifications do not require a certification by the "authorized individual" as defined by 326 IAC 2-1.1-1(1).

- (e) Procedures for Asbestos Emission Control
The Permittee shall comply with the applicable emission control procedures in 326 IAC 14-10-4 and 40 CFR 61.145(c). Per 326 IAC 14-10-1 emission control requirements are applicable for any removal or disturbance of RACM greater than three (3) linear feet on pipes or three (3) square feet on any other facility components or a total of at least 0.75 cubic feet on all facility components.
- (f) Indiana Accredited Asbestos Inspector
The Permittee shall comply with 326 IAC 14-10-1(a) that requires the owner or operator, prior to a renovation/demolition, to use an Indiana Accredited Asbestos Inspector to thoroughly inspect the affected portion of the facility for the presence of asbestos. The requirement that the inspector be accredited is federally enforceable.

Testing Requirements [326 IAC 2-8-4(3)]

C.11 Performance Testing [326 IAC 3-6]

- (a) All testing shall be performed according to the provisions of 326 IAC 3-6 (Source Sampling Procedures), except as provided elsewhere in this permit, utilizing any applicable procedures and analysis methods specified in 40 CFR 51, 40 CFR 60, 40 CFR 61, 40 CFR 63, 40 CFR 75, or other procedures approved by IDEM, OAQ.

A test protocol, except as provided elsewhere in this permit, shall be submitted to:

Indiana Department of Environmental Management
Compliance Data Section, Office of Air Quality
100 North Senate Avenue, P. O. Box 6015
Indianapolis, Indiana 46206-6015

no later than thirty-five (35) days prior to the intended test date. The protocol submitted by the Permittee does not require certification by the "authorized individual" as defined by 326 IAC 2-1.1-1(1).

- (b) The Permittee shall notify IDEM, OAQ of the actual test date at least fourteen (14) days prior to the actual test date. The notification submitted by the Permittee does not require certification by the "authorized individual" as defined by 326 IAC 2-1.1-1(1).

- (c) Pursuant to 326 IAC 3-6-4(b), all test reports must be received by IDEM, OAQ not later than forty-five (45) days after the completion of the testing. An extension may be granted by IDEM, OAQ, if the source submits to IDEM, OAQ, a reasonable written explanation not later than five (5) days prior to the end of the initial forty-five (45) day period.

Compliance Requirements [326 IAC 2-1.1-11]

C.12 Compliance Requirements [326 IAC 2-1.1-11]

The commissioner may require stack testing, monitoring, or reporting at any time to assure compliance with all applicable requirements by issuing an order under 326 IAC 2-1.1-11. Any monitoring or testing shall be performed in accordance with 326 IAC 3 or other methods approved by the commissioner or the U. S. EPA.

Compliance Monitoring Requirements [326 IAC 2-8-4] [326 IAC 2-8-5(a)(1)]

C.13 Compliance Monitoring [326 IAC 2-8-4(3)] [326 IAC 2-8-5(a)(1)]

Unless otherwise specified in this permit, all monitoring and record keeping requirements not already legally required shall be implemented within sixty (60) days of permit issuance. If required by Section D, the Permittee shall be responsible for installing any necessary equipment and initiating any required monitoring related to that equipment. If due to circumstances beyond its control, that equipment cannot be installed and operated within sixty (60) days, the Permittee may extend the compliance schedule related to the equipment for an additional ninety (90) days provided the Permittee notifies:

Indiana Department of Environmental Management
Compliance Branch, Office of Air Quality
100 North Senate Avenue, P.O. Box 6015
Indianapolis, Indiana 46206-6015

in writing, prior to the end of the initial sixty (60) day compliance schedule with full justification of the reasons for inability to meet this date.

The notification which shall be submitted by the Permittee does require the certification by the "authorized individual" as defined by 326 IAC 2-1.1-1(1).

Unless otherwise specified in the approval for the new emissions unit, compliance monitoring for new emission units or emission units added through a permit revision shall be implemented when operation begins.

C.14 Monitoring Methods [326 IAC 3] [40 CFR 60] [40 CFR 63]

Any monitoring or testing performed required by Section D of this permit shall be performed according to the provisions of 326 IAC 3, 40 CFR 60, Appendix A, 40 CFR 60 Appendix B, 40 CFR 63 or other approved methods as specified in this permit.

C.15 Pressure Gauge and Other Instrument Specifications [326 IAC 2-1.1-11] [326 IAC 2-8-4(3)] [326 IAC 2-8-5(1)]

-
- (a) Whenever a condition in this permit requires the measurement of pressure drop across any part of the unit or its control device, the gauge employed shall have a scale such that the expected normal reading shall be no less than twenty percent (20%) of full scale and be accurate within plus or minus two percent ($\pm 2\%$) of full scale reading.
- (b) The Preventive Maintenance Plan for the pH meter shall include calibration using known standards. The frequency of calibration shall be adjusted such that the typical error found at calibration is less than one pH point.

- (c) The Permittee may request the IDEM, OAQ approve the use of a pressure gauge or other instrument that does not meet the above specifications provided the Permittee can demonstrate an alternative pressure gauge or other instrument specification will adequately ensure compliance with permit conditions requiring the measurement of pressure drop or other parameters.

Corrective Actions and Response Steps [326 IAC 2-8-4] [326 IAC 2-8-5(a)(1)]

C.16 Emergency Reduction Plans [326 IAC 1-5-2] [326 IAC 1-5-3]

Pursuant to 326 IAC 1-5-2 (Emergency Reduction Plans; Submission):

- (a) The Permittee shall prepare written emergency reduction plans (ERPs) consistent with safe operating procedures.
- (b) These ERPs shall be submitted for approval to:

Indiana Department of Environmental Management
Compliance Branch, Office of Air Quality
100 North Senate Avenue, P.O. Box 6015
Indianapolis, Indiana 46206-6015

within ninety (90) days from the date of issuance of this permit.

The ERP does require the certification by the “authorized individual” as defined by 326 IAC 2-1.1-1(1).
- (c) If the ERP is disapproved by IDEM, OAQ the Permittee shall have an additional thirty (30) days to resolve the differences and submit an approvable ERP.
- (d) These ERPs shall state those actions that will be taken, when each episode level is declared, to reduce or eliminate emissions of the appropriate air pollutants.
- (e) Said ERPs shall also identify the sources of air pollutants, the approximate amount of reduction of the pollutants, and a brief description of the manner in which the reduction will be achieved.
- (f) Upon direct notification by IDEM, OAQ that a specific air pollution episode level is in effect, the Permittee shall immediately put into effect the actions stipulated in the approved ERP for the appropriate episode level. [326 IAC 1-5-3]

C.17 Risk Management Plan [326 IAC 2-8-4] [40 CFR 68.215]

If a regulated substance, subject to 40 CFR 68, is present at a source in more than a threshold quantity, 40 CFR 68 is an applicable requirement and the Permittee shall submit:

- (a) A compliance schedule for meeting the requirements of 40 CFR 68; or
- (b) As a part of the annual compliance certification submitted under 326 IAC 2-7-6(5), a certification statement that the source is in compliance with all the requirements of 40 CFR 68, including the registration and submission of a Risk Management Plan (RMP).

All documents submitted pursuant to this condition shall include the certification by the “authorized individual” as defined by 326 IAC 2-1.1-1(1).

C.18 Compliance Response Plan - Preparation, Implementation, Records, and Reports [326 IAC 2-8-4] [326 IAC 2-8-5]

- (a) The Permittee is required to prepare a Compliance Response Plan (CRP) for each compliance monitoring condition of this permit. A CRP shall be submitted to IDEM, OAQ

upon request. The CRP shall be prepared within ninety (90) days after issuance of this permit by the Permittee, supplemented from time to time by the Permittee, maintained on site, and is comprised of:

- (1) Reasonable response steps that may be implemented in the event that a response step is needed pursuant to the requirements of Section D of this permit; and an expected time frame for taking reasonable response steps.
 - (2) If, at any time, the Permittee takes reasonable response steps that are not set forth in the Permittee's current Compliance Response Plan and the Permittee documents such response in accordance with subsection (e) below, the Permittee shall amend its Compliance Response Plan to include such response steps taken.
- (b) For each compliance monitoring condition of this permit, reasonable response steps shall be taken when indicated by the provisions of that compliance monitoring condition as follows:
- (1) Reasonable response steps shall be taken as set forth in the Permittee's current Compliance Response Plan; or
 - (2) If none of the reasonable response steps listed in the Compliance Response Plan is applicable or responsive to the excursion, the Permittee shall devise and implement additional response steps as expeditiously as practical. Taking such additional response steps shall not be considered a deviation from this permit so long as the Permittee documents such response steps in accordance with this condition.
 - (2) If the Permittee determines that additional response steps would necessitate that the emissions unit or control device be shut down, the IDEM, OAQ shall be promptly notified of the expected date of the shut down, the status of the applicable compliance monitoring parameter with respect to normal, and the results of the actions taken up to the time of notification.
 - (3) Failure to take reasonable response steps shall constitute a violation of the permit.
- (c) The Permittee is not required to take any further response steps for any of the following reasons:
- (1) A false reading occurs due to the malfunction of the monitoring equipment and prompt action was taken to correct the monitoring equipment.
 - (2) The Permittee has determined that the compliance monitoring parameters established in the permit conditions are technically inappropriate, has previously submitted a request for an administrative amendment to the permit, and such request has not been denied.
 - (3) An automatic measurement was taken when the process was not operating.
 - (4) The process has already returned or is returning to operating within "normal" parameters and no response steps are required.
- (d) When implementing reasonable steps in response to a compliance monitoring condition, if the Permittee determines that an exceedance of an emission limitation has occurred, the Permittee shall report such deviations pursuant to Section B-Deviations from Permit Requirements and Conditions.

- (e) The Permittee shall record all instances when response steps are taken. In the event of an emergency, the provisions of 326 IAC 2-8-12 (Emergency Provisions) requiring prompt corrective action to mitigate emissions shall prevail.
- (f) Except as otherwise provided by a rule or provided specifically in Section D, all monitoring as required in Section D shall be performed when the emission unit is operating, except for time necessary to perform quality assurance and maintenance activities.

**C.19 Actions Related to Noncompliance Demonstrated by a Stack Test [326 IAC 2-8-4]
[326 IAC 2-8-5]**

- (a) When the results of a stack test performed in conformance with Section C - Performance Testing, of this permit exceed the level specified in any condition of this permit, the Permittee shall take appropriate response actions. The Permittee shall submit a description of these response actions to IDEM, OAQ, within thirty (30) days of receipt of the test results. The Permittee shall take appropriate action to minimize excess emissions from the affected facility while the response actions are being implemented.
- (b) A retest to demonstrate compliance shall be performed within one hundred twenty (120) days of receipt of the original test results. Should the Permittee demonstrate to IDEM, OAQ that retesting in one-hundred and twenty (120) days is not practicable, IDEM, OAQ may extend the retesting deadline.
- (c) IDEM, OAQ reserves the authority to take any actions allowed under law in response to noncompliant stack tests.

The documents submitted pursuant to this condition do require the certification by the "authorized individual" as defined by 326 IAC 2-1.1-1(1).

Record Keeping and Reporting Requirements [326 IAC 2-8-4(3)]

C.20 Emission Statement [326 IAC 2-6] [326 IAC 2-8-4(3)]

- (a) The Permittee shall submit an emission statement certified pursuant to the requirements of 326 IAC 2-6. This statement must be received in accordance with the compliance schedule specified in 326 IAC 2-6-3 and must comply with the minimum requirements specified in 326 IAC 2-6-4. The submittal should cover the period defined in 326 IAC 2-6-2(8). The statement must be submitted to:

Indiana Department of Environmental Management
Technical Support and Modeling Section, Office of Air Quality
100 North Senate Avenue, P.O. Box 6015
Indianapolis, Indiana 46206-6015

The emission statement does require the certification by the "authorized individual" as defined by 326 IAC 2-1.1-1(1).

- (b) The emission statement required by this permit shall be considered timely if the date postmarked on the envelope or certified mail receipt, or affixed by the shipper on the private shipping receipt, is on or before the date it is due. If the document is submitted by any other means, it shall be considered timely if received by IDEM, OAQ, on or before the date it is due.

C.21 General Record Keeping Requirements [326 IAC 2-8-4(3)] [326 IAC 2-8-5]

- (a) Records of all required data, reports and support information shall be retained for a period of at least five (5) years from the date of monitoring sample, measurement, report, or application. These records shall be kept at the source location for a minimum

of three (3) years. The records may be stored elsewhere for the remaining two (2) years as long as they are available upon request. If the Commissioner makes a request for records to the Permittee, the Permittee shall furnish the records to the Commissioner within a reasonable time.

- (b) Unless otherwise specified in this permit, all record keeping requirements not already legally required shall be implemented within ninety (90) days of permit issuance.

C.22 General Reporting Requirements [326 IAC 2-8-4(3)(C)] [326 IAC 2-1.1-11]

- (a) The source shall submit the attached Quarterly Deviation and Compliance Monitoring Report or its equivalent. Any deviation from permit requirements, the date(s) of each deviation, the cause of the deviation, and the response steps taken must be reported. This report shall be submitted within thirty (30) days of the end of the reporting period. The Quarterly Deviation and Compliance Monitoring Report shall include the certification by the "authorized individual" as defined by 326 IAC2-1.1-1(1).
- (b) The report required in (a) of this condition and reports required by conditions in Section D of this permit shall be submitted to:

Indiana Department of Environmental Management
Compliance Branch, Office of Air Quality
100 North Senate Avenue, P. O. Box 6015
Indianapolis, Indiana 46206-6015
- (c) Unless otherwise specified in this permit, any notice, report, or other submission required by this permit shall be considered timely if the date postmarked on the envelope or certified mail receipt, or affixed by the shipper on the private shipping receipt, is on or before the date it is due. If the document is submitted by any other means, it shall be considered timely if received by IDEM, OAQ, on or before the date it is due.
- (d) Unless otherwise specified in this permit, all reports required in Section D of this permit shall be submitted within thirty (30) days of the end of the reporting period. All reports do require the certification by the "authorized individual" as defined by 326 IAC 2-1.1-1(1).
- (e) The first report covered the period commencing on the date of issuance of the original FESOP and ended on the last day of the reporting period. All subsequent reporting periods shall be based on calendar years.

Stratospheric Ozone Protection

C.23 Compliance with 40 CFR 82 and 326 IAC 22-1

Pursuant to 40 CFR 82 (Protection of Stratospheric Ozone), Subpart F, except as provided for motor vehicle air conditioners in Subpart B, the Permittee shall comply with the standards for recycling and emissions reduction:

- (a) Persons opening appliances for maintenance, service, repair or disposal must comply with the required practices pursuant to 40 CFR 82.156
- (b) Equipment used during the maintenance, service, repair or disposal of appliances must comply with the standards for recycling and recovery equipment pursuant to 40 CFR 82.158.
- (c) Persons performing maintenance, service, repair or disposal of appliances must be certified by an approved technician certification program pursuant to 40 CFR 82.161.

SECTION D.1

FACILITY OPERATION CONDITIONS

Facility Description [326 IAC 2-8-4(10)]: Grain Elevator

One (1) grain elevator, comprised of the following equipment:

- (a) One (1) red truck unloading bay, identified as TD1, one (1) yellow truck/rail unloading bay, identified as TD2, and one (1) truck/rail loading bay, identified as Shipping, each constructed in 1997, each with a maximum capacity of 630 tons per hour, with emissions controlled by one (1) baghouse, and all exhausting to stack S-1.
- (b) One (1) natural gas-fired column grain dryer, identified as Dryer, constructed in 1997, with a 0.078 inch screen, a maximum throughput of 150 tons per hour, and a maximum heat input of 20 million British thermal units per hour, and exhausting to stack S-2.
- (c) Headhouse, legs, and internal operations, constructed in 1997, with emissions uncontrolled.

(The information describing the process contained in this facility description box is descriptive information and does not constitute enforceable conditions.)

Emission Limitations and Standards [326 IAC 2-8-4(1)]

D.1.1 General Provisions Relating to NSPS [326 IAC 12-1] [40 CFR Part 60, Subpart A]

The provisions of 40 CFR Part 60, Subpart A - General Provisions, which are incorporated by reference in 326 IAC 12-1, apply to the units in this section except when otherwise specified in 40 CFR Part 60, Subpart DD.

D.1.2 New Source Performance Standards (NSPS) for Grain Elevators [326 IAC 12] [40 CFR Part 60, Subpart DD]

Pursuant to 40 CFR Part 60, Subpart DD (Standards of Performance for Grain Elevators), the Permittee shall comply with the following requirements:

- (a) The particulate matter emissions from the red truck unloading bay, identified as TD1, yellow truck/rail unloading bay, identified as TD2, and truck/rail loading bay, identified as Shipping, shall not exceed 0.01 grains per dry standard cubic foot (gr/dscf).
- (b) The red truck unloading bay, identified as TD1, yellow truck/rail unloading bay, identified as TD2, and truck/rail loading bay, identified as Shipping, shall not exhibit greater than zero percent (0%) opacity from the stack.
- (c) The red truck unloading bay, identified as TD1, the yellow truck/rail unloading bay, identified as TD2, and the rail loading bay, identified as Shipping, shall not exhibit greater than five percent (5%) opacity from fugitive emissions.
- (d) The truck loading bay, identified as Shipping, shall not exhibit greater than five percent (5%) opacity from fugitive emissions.

D.1.3 PM and PM10 Emission Limitations [326 IAC 2-8] [326 IAC 2-2]

- (a) The grain throughput received, processed, stored, and shipped by the grain elevator shall not exceed 900,000 tons per twelve (12) consecutive month period with compliance determined at the end of each month.
- (b) The grain loaded from the silos to the trucks via gravity shall not exceed 9,000 tons per twelve (12) consecutive month period with compliance determined at the end of each month.

- (c) The PM emissions from the red truck unloading bay (TD1), yellow truck/rail unloading bay (TD2), and truck/rail loading bay (Shipping) shall not exceed 21.16 pounds per hour, combined, and the PM10 emissions from the red truck unloading bay (TD1), yellow truck/rail unloading bay (TD2), and truck/rail loading bay (Shipping) shall not exceed 14.05 pounds per hour, combined.

These limitations are equivalent to emissions of 221.47 tons of PM and 93.77 tons of PM10 per year from the red truck unloading bay, identified as TD1, yellow truck/rail unloading bay, identified as TD2, truck/rail loading bay, identified as Shipping, natural gas-fired column grain dryer, identified as Dryer, and the silo and storage pile loading operations, combined. This limit is structured such that, when including the emissions from insignificant combustion sources and fugitive emissions, the source total PM emissions remain less than two hundred fifty (250) tons per year and the source total PM10 emissions remain less than one hundred (100) tons per year. Compliance with these limitations will render the requirements of 326 IAC 2-7 (Part 70 Permit Program) and 326 IAC 2-2 (Prevention of Significant Deterioration) not applicable.

D.1.4 Particulate Emission Limitations [326 IAC 6-3-2]

- (a) Pursuant to 326 IAC 6-3-2 (Particulate Emission Limitations for Manufacturing Processes), the particulate emissions from the red truck unloading bay, identified as TD1, yellow truck/rail unloading bay, identified as TD2, truck/rail loading bay, identified as Shipping, and headhouse, legs and internal operations shall not exceed 71.76 pounds each per hour when operating at process weight rates of 630 tons per hour, each.
- (b) Pursuant to 326 IAC 6-3-2 (Particulate Emission Limitations for Manufacturing Processes), the particulate emissions from the grain dryer, identified as Dryer, shall not exceed 55.44 pounds per hour when operating at a process weight rate of 150 tons per hour.

These pounds per hour limitation was calculated with the following equation:

Interpolation and extrapolation of the data for the process weight rate in excess of 60,000 pounds per hour shall be accomplished by use of the equation:

$$E = 55.0 P^{0.11} - 40 \quad \text{where } E = \text{rate of emission in pounds per hour; and} \\ P = \text{process weight rate in tons per hour}$$

D.1.5 Preventive Maintenance Plan [326 IAC 2-8-4(9)]

A Preventive Maintenance Plan, in accordance with Section B - Preventive Maintenance Plan, of this permit, is required for these facilities and any control devices.

Compliance Determination Requirements

D.1.6 Particulate Control

Pursuant to CP009-7013-00021, issued on March 17, 1997, and in order to comply with Conditions D.1.2, D.1.3, and D.1.4, the baghouse for particulate control on stack S-1 shall be in operation and control emissions from the red truck unloading bay, identified as TD1, yellow truck/rail unloading bay, identified as TD2, and truck/rail loading bay, identified as Shipping, at all times that these facilities are in operation.

Compliance Monitoring Requirements [326 IAC 2-8-4] [326 IAC 2-8-5(a)(1)]

D.1.7 Visible Emissions Notations

- (a) Once per shift visible emission notations of stacks S-1 and S-2 exhaust shall be performed during normal daylight operations. A trained employee shall record whether emissions are normal or abnormal.

- (b) For processes operated continuously, "normal" means those conditions prevailing, or expected to prevail, eighty percent (80%) of the time the process is in operation, not counting startup or shut down time.
- (c) In the case of batch or discontinuous operations, readings shall be taken during that part of the operation that would normally be expected to cause the greatest emissions.
- (d) A trained employee is an employee who has worked at the plant at least one (1) month and has been trained in the appearance and characteristics of normal visible emissions for that specific process.
- (e) The Compliance Response Plan for this unit shall contain troubleshooting contingency and response steps for when an abnormal emission is observed. Failure to take response steps in accordance with Section C - Compliance Response Plan - Preparation, Implementation, Records, and Reports, shall be considered a violation of this permit.

D.1.8 Parametric Monitoring

The Permittee shall record the total static pressure drop across the baghouse on Stack S-1 used in conjunction with the red truck unloading bay, identified as TD1, yellow truck/rail unloading bay, identified as TD2, and truck/rail loading bay, identified as Shipping, at least once per shift when the red truck unloading bay, identified as TD1, yellow truck/rail unloading bay, identified as TD2, and truck/rail loading bay, identified as Shipping, is in operation. When for any one reading, the pressure drop across the baghouse is outside the normal range of 1.0 and 6.0 inches of water or a range established during the latest stack test, the Permittee shall take reasonable response steps in accordance with Section C - Compliance Response Plan - Failure to Take Response Steps. A pressure reading that is outside the above mentioned range is not a deviation from this permit. Failure to take response steps in accordance with Section C - Compliance Response Plan - Preparation, Implementation, Records, and Reports, shall be considered a violation of this permit.

The instrument used for determining the pressure shall comply with Section C - Pressure Gauge and Other Instrument Specifications, of this permit, shall be subject to approval by IDEM, OAQ, and shall be calibrated at least once every six (6) months.

D.1.9 Baghouse Inspections

An inspection shall be performed during the last month of each calendar quarter of all bags controlling the red truck unloading bay, identified as TD1, yellow truck/rail unloading bay, identified as TD2, and truck/rail loading bay, identified as Shipping. All defective bags shall be replaced.

D.1.10 Broken or Failed Bag Detection

In the event that bag failure has been observed:

- (a) For multi-compartment units, the affected compartments will be shut down immediately until the failed units have been repaired or replaced. Operations may continue only if there are no visible emissions or if the event qualifies as an emergency and the Permittee satisfies the emergency provisions of this permit (Section B- Emergency Provisions). Within eight (8) business hours of the determination of failure, response steps according to the timetable described in the Compliance Response Plan shall be initiated. For any failure with corresponding response steps and timetable not described in the Compliance Response Plan, response steps shall be devised within eight (8) business hours of discovery of the failure and shall include a timetable for completion. Failure to take response steps in accordance with Section C - Compliance Response Plan - Preparation, Implementation, Records, and Reports, shall be considered a violation of this permit.

- (b) For single compartment baghouses, if failure is indicated by a significant drop in the baghouse's pressure readings with abnormal visible emissions or the failure is indicated by an opacity violation, or if bag failure is determined by other means, such as gas temperatures, flow rates, air infiltration, leaks, dust traces or triboflows, then failed units and the associated process will be shut down immediately until the failed units have been repaired or replaced. Operations may continue only if the event qualifies as an emergency and the Permittee satisfies the requirements of the emergency provisions of this permit (Section B - Emergency Provisions).

Record Keeping and Reporting Requirement [326 IAC 2-8-4(3)] [326 IAC 2-8-16]

D.1.11 Record Keeping Requirements

- (a) To document compliance with Condition D.1.3(a), the Permittee shall maintain records of the grain received, processed, stored, and shipped by the grain elevator.
- (b) To document compliance with Condition D.1.3(b), the Permittee shall maintain records of the grain loaded directly from the trucks to the silos via gravity.
- (c) To document compliance with Condition D.1.7, the Permittee shall maintain records of the once per shift visible emission notations of stack S-1 and S-2 exhaust.
- (d) To document compliance with Condition D.1.8, the Permittee shall maintain once per shift records of the total static pressure drop during normal operation.
- (e) To document compliance with Condition D.1.9, the Permittee shall maintain records of the results of the inspections required under Condition D.1.9.
- (f) All records shall be maintained in accordance with Section C - General Record Keeping Requirements, of this permit.

D.1.12 Reporting Requirements

A quarterly summary of the information to document compliance with Condition D.1.3(a) and Condition D.1.3(b) shall be submitted to the address listed in Section C - General Reporting Requirements, of this permit, using the reporting forms located at the end of this permit, or their equivalent, within thirty (30) days after the end of the quarter being reported. The report submitted by the Permittee does require the certification by the "authorized individual" as defined by 326 IAC 2-1.1-1(1).

SECTION D.2

FACILITY OPERATION CONDITIONS

Facility Description [326 IAC 2-8-4(10)]: Specifically Regulated Insignificant Activities

- (a) Paved and unpaved roads and parking lots with public access [326 IAC 6-4][326 IAC 6-5].
- (b) Activities with emissions equal to or less than the following thresholds: 5 tons per year PM or PM₁₀, 10 tons per year SO₂, NO_x, or VOC, 0.2 tons per year Pb, 1.0 tons per year of a single HAP, or 2.5 tons per year of any combination of HAPs:
 - (1) Thirteen (13) storage silos, identified as Silo 10, 11, 20, 21, 22, 30, 31, 32, 33, 34, 35, 36, and 42, constructed in 1997, 1997, 1997, 1997, 1997, 1997, 1997, 1997, 1997, 1999, 2002, 2002, and 2003, respectively, with maximum capacities of 60,000, 60,000, 3,480, 23,760, 60,000, 15,240, 23,760, 23,760, 23,760, 60,000, 78,000, 78,000, and 180,000 tons, respectively, and all exhausting through stack S-3 [326 IAC 6-3-2].

(The information describing the process contained in this facility description box is descriptive information and does not constitute enforceable conditions.)

Emission Limitations and Standards [326 IAC 2-8-4(1)]

D.2.1 Fugitive Particulate Matter [326 IAC 6-5]

Pursuant to 326 IAC 6-5 (Fugitive Particulate Matter Emission Limitations), the Permittee shall control fugitive emissions through a Fugitive Dust Control Plan. The Permittee's Fugitive Dust Control Plan requires that the sweeping of the paved roads shall be performed on an as need basis.

D.2.2 Particulate Emission Limitations [326 IAC 6-3-2]

Pursuant to 326 IAC 6-3-2 (Particulate Emission Limitations for Manufacturing Processes), the particulate emissions from the silo/pile loadout operations shall not exceed the listed pounds per hour emission limitations when operating at the listed process weight rates.

Silo/Pile	Process Weight Rate (ton/hr)	Particulate Emission Limitations (lb/hr)
10	6.85	14.88
11	6.85	14.88
20	0.4	2.22
21	2.71	8.00
22	6.85	14.88
30	1.74	5.94
31	2.71	8.00
32	2.71	8.00
33	2.71	8.00
34	6.85	14.88
35	8.90	17.74
36	8.90	17.74
42	20.55	31.07
XT2	15.76	26.01
XT3	15.76	26.01

These limitations were calculated using the following equations:

Interpolation of the data for the process weight rate up to sixty thousand (60,000) pounds per hour shall be accomplished by use of the equation:

$$E = 4.10 P^{0.67}$$

where E = rate of emission in pounds per hour and
P = process weight rate in tons per hour

SECTION D.3

FACILITY OPERATION CONDITIONS

Facility Description [326 IAC 2-8-4(10)]: Insignificant Activities

- (b) Activities with emissions equal to or less than the following thresholds: 5 tons per year PM or PM10, 10 tons per year SO₂, NO_x, or VOC, 0.2 tons per year Pb, 1.0 tons per year of a single HAP, or 2.5 tons per year of any combination of HAPs:
 - (2) Totally enclosed internal operations including all grain elevators and transfer points.
 - (3) One (1) mineral oil storage tank with a capacity of 10,000 gallons.
- (c) Natural gas-fired combustion sources with heat input equal to or less than ten million (10,000,000) British thermal units per hour:
 - (1) Three (3) natural gas-fired space heaters, each with a maximum capacity of 0.024 million British thermal units per hour.
 - (2) Two (2) natural gas-fired space heaters, each with a maximum capacity of 0.20 million British thermal units per hour.
 - (3) Two (2) natural gas-fired space heaters, each with a maximum capacity of 0.11 million British thermal units per hour.
- (d) Storage tanks with capacities less than or equal to 1,000 gallons and annual throughputs less than 12,000 gallons:
 - (1) One (1) gasoline storage tank with a maximum capacity of 500 gallons.
 - (2) One (1) diesel fuel storage tank with a maximum capacity of 550 gallons.
- (e) A gasoline fuel transfer and dispensing operation handling less than or equal to 1,300 gallons per day, such as filling of tanks, locomotives, automobiles, having a storage capacity less than or equal to 10,500 gallons
- (f) A petroleum fuel, other than gasoline, dispensing facility, having a storage capacity of less than or equal to 10,500 gallons, and dispensing less than or equal to 230,000 gallons per month.
- (g) Application of oils, greases, lubricants or other nonvolatile materials applied as temporary protective coatings.
- (h) Underground conveyors.

(The information describing the process contained in this facility description box is descriptive information and does not constitute enforceable conditions.)

There are no specific regulations applicable to the facilities in this section.

**INDIANA DEPARTMENT OF ENVIRONMENTAL MANAGEMENT
OFFICE OF AIR QUALITY**

**FEDERALLY ENFORCEABLE STATE OPERATING PERMIT (FESOP)
CERTIFICATION**

Source Name: Central States Enterprises, Inc.
Source Address: 6627 N 400 E, Montpelier, Indiana 47359
Mailing Address: P.O. Box 323, New Haven, Indiana 46774
FESOP No.: F009-16953-00021

This certification shall be included when submitting monitoring, testing reports/results or other documents as required by this permit.

Please check what document is being certified:

- 9 Annual Compliance Certification Letter
- 9 Test Result (specify) _____
- 9 Report (specify) _____
- 9 Notification (specify) _____
- 9 Affidavit (specify) _____
- 9 Other (specify) _____

I certify that, based on information and belief formed after reasonable inquiry, the statements and information in the document are true, accurate, and complete.

Signature:

Printed Name:

Title/Position:

Date:

**INDIANA DEPARTMENT OF ENVIRONMENTAL MANAGEMENT
OFFICE OF AIR QUALITY
COMPLIANCE BRANCH
P.O. Box 6015
100 North Senate Avenue
Indianapolis, Indiana 46206-6015
Phone: 317-233-5674
Fax: 317-233-5967**

**FEDERALLY ENFORCEABLE STATE OPERATING PERMIT (FESOP)
EMERGENCY OCCURRENCE REPORT**

Source Name: Central States Enterprises, Inc.
Source Address: 6627 N 400 E, Montpelier, Indiana 47359
Mailing Address: P.O. Box 323, New Haven, Indiana 46774
FESOP No.: F009-16953-00021

This form consists of 2 pages

Page 1 of 2

9 This is an emergency as defined in 326 IAC 2-7-1(12)
 CThe Permittee must notify the Office of Air Quality (OAQ), within four (4) business hours (1-800-451-6027 or 317-233-5674, ask for Compliance Section); and
 CThe Permittee must submit notice in writing or by facsimile within two (2) working days (Facsimile Number: 317-233-5967), and follow the other requirements of 326 IAC 2-7-16

If any of the following are not applicable, mark N/A

Facility/Equipment/Operation:

Control Equipment:

Permit Condition or Operation Limitation in Permit:

Description of the Emergency:

Describe the cause of the Emergency:

If any of the following are not applicable, mark N/A

Page 2 of 2

Date/Time Emergency started:
Date/Time Emergency was corrected:
Was the facility being properly operated at the time of the emergency? Y N Describe:
Type of Pollutants Emitted: TSP, PM-10, SO ₂ , VOC, NO _x , CO, Pb, other:
Estimated amount of pollutant(s) emitted during emergency:
Describe the steps taken to mitigate the problem:
Describe the corrective actions/response steps taken:
Describe the measures taken to minimize emissions:
If applicable, describe the reasons why continued operation of the facilities are necessary to prevent imminent injury to persons, severe damage to equipment, substantial loss of capital investment, or loss of product or raw materials of substantial economic value:

Form Completed by: _____
Title / Position: _____
Date: _____
Phone: _____

A certification is not required for this report.

**INDIANA DEPARTMENT OF ENVIRONMENTAL MANAGEMENT
OFFICE OF AIR QUALITY
COMPLIANCE DATA SECTION**

FESOP Quarterly Report

Source Name: Central States Enterprises, Inc.
Source Address: 6627 N 400 E, Montpelier, Indiana 47359
Mailing Address: P.O. Box 323, New Haven, Indiana 46774
FESOP No.: F009-16953-00021
Facility: Grain Elevator
Parameter: Grain Throughput
Limit: The grain received, processed, stored, and shipped by the grain elevator shall not exceed 900,000 tons per twelve (12) consecutive month period with compliance determined at the end of each month.

YEAR: _____

Month	Column 1	Column 2	Column 1 + Column 2
	This Month	Previous 11 Months	12 Month Total
Month 1			
Month 2			
Month 3			

- 9 No deviation occurred in this quarter.
- 9 Deviation/s occurred in this quarter.
Deviation has been reported on: _____

Submitted by: _____
Title / Position: _____
Signature: _____
Date: _____
Phone: _____

Attach a signed certification to complete this report.

**INDIANA DEPARTMENT OF ENVIRONMENTAL MANAGEMENT
OFFICE OF AIR QUALITY
COMPLIANCE DATA SECTION**

FESOP Quarterly Report

Source Name: Central States Enterprises, Inc.
Source Address: 6627 N 400 E, Montpelier, Indiana 47359
Mailing Address: P.O. Box 323, New Haven, Indiana 46774
FESOP No.: F009-16953-00021
Facility: Silo Loading by Truck
Parameter: Grain Throughput
Limit: The grain loaded from the silos to the trucks via gravity shall not exceed 9,000 tons per twelve (12) consecutive month period with compliance determined at the end of each month.

YEAR: _____

Month	Column 1	Column 2	Column 1 + Column 2
	This Month	Previous 11 Months	12 Month Total
Month 1			
Month 2			
Month 3			

- 9 No deviation occurred in this quarter.
- 9 Deviation/s occurred in this quarter.
Deviation has been reported on: _____

Submitted by: _____
Title / Position: _____
Signature: _____
Date: _____
Phone: _____

Attach a signed certification to complete this report.

**INDIANA DEPARTMENT OF ENVIRONMENTAL MANAGEMENT
OFFICE OF AIR QUALITY
COMPLIANCE DATA SECTION**

**FEDERALLY ENFORCEABLE STATE OPERATING PERMIT (FESOP)
QUARTERLY DEVIATION AND COMPLIANCE MONITORING REPORT**

Source Name: Central States Enterprises, Inc.
Source Address: 6627 N 400 E, Montpelier, Indiana 47359
Mailing Address: P.O. Box 323, New Haven, Indiana 46774
FESOP No.: F009-16953-00021

Months: _____ to _____ Year: _____

Page 1 of 2

This report shall be submitted quarterly based on a calendar year. Any deviation from the requirements, the date(s) of each deviation, the probable cause of the deviation, and the response steps taken must be reported. Deviations that are required to be reported by an applicable requirement shall be reported according to the schedule stated in the applicable requirement and do not need to be included in this report. Additional pages may be attached if necessary. If no deviations occurred, please specify in the box marked "No deviations occurred this reporting period".

9 NO DEVIATIONS OCCURRED THIS REPORTING PERIOD.

9 THE FOLLOWING DEVIATIONS OCCURRED THIS REPORTING PERIOD

Permit Requirement (specify permit condition #)

Date of Deviation:

Duration of Deviation:

Number of Deviations:

Probable Cause of Deviation:

Response Steps Taken:

Permit Requirement (specify permit condition #)

Date of Deviation:

Duration of Deviation:

Number of Deviations:

Probable Cause of Deviation:

Response Steps Taken:

Permit Requirement (specify permit condition #)	
Date of Deviation:	Duration of Deviation:
Number of Deviations:	
Probable Cause of Deviation:	
Response Steps Taken:	
Permit Requirement (specify permit condition #)	
Date of Deviation:	Duration of Deviation:
Number of Deviations:	
Probable Cause of Deviation:	
Response Steps Taken:	
Permit Requirement (specify permit condition #)	
Date of Deviation:	Duration of Deviation:
Number of Deviations:	
Probable Cause of Deviation:	
Response Steps Taken:	

Form Completed By: _____

Title/Position: _____

Date: _____

Phone: _____

Attach a signed certification to complete this report.

Indiana Department of Environmental Management Office of Air Quality

Addendum to the Technical Support Document (TSD) for a Federally Enforceable State Operating Permit (FESOP)

Source Background and Description

Source Name:	Central States Enterprises, Inc.
Source Location:	6627 N 400 E, Montpelier, Indiana 47359
County:	Blackford
SIC Code:	5153
Operation Permit No.:	F009-16953-00021
Permit Reviewer:	ERG/KC

On March 20, 2003, the Office of Air Quality (OAQ) had a notice published in the Montpelier Herald, Montpelier, Indiana, stating that Central States Enterprises, Inc. had applied for a Federally Enforceable State Operating Permit (FESOP) to operate a stationary grain elevator with control. The notice also stated that OAQ proposed to issue a permit for this operation and provided information on how the public could review the proposed permit and other documentation. Finally, the notice informed interested parties that there was a period of thirty (30) days to provide comments on whether or not this permit should be issued as proposed.

On April 7, 2003, Judith VanCamp and Glen VanCamp, members of the public, submitted comments on the proposed FESOP. The summary of the comments is as follows.

Comment 1:

Judith and Glen VanCamp noted that the TSD states that IDEM is aware that the source was constructed in 1997 and failed to submit a Part 70 or FESOP application within twelve (12) months of becoming subject to the Part 70 program. The TSD also states that IDEM is reviewing this matter and will take appropriate action. Judith and Glen VanCamp question why nothing was done by IDEM to resolve this issue before now.

Response to Comment 1:

This source received a construction permit (CP009-7013-00021) on March 17, 1997 which stated that the source shall submit a Part 70 or FESOP application within twelve (12) months of becoming subject to the Part 70 program. This statement was included in the permit to bring the requirement to the source's attention. Because the date the operating permit application is due is based on when construction is completed, IDEM is not aware that the application is due until the source reports that construction is complete. IDEM became aware that this requirement was not met during the development of this permit. IDEM is currently reviewing the matter concerning the source's failure to submit a Part 70 or FESOP application and will take applicable enforcement action.

Comment 2:

Judith and Glen VanCamp noted that the source has violated other regulations and/or state laws regarding their business. They state that the source was dumping molded grain into a pile on the ground and setting fire to the pile. This was causing terrible odors and fumes that burnt the nose, throat, and eyes. This matter was brought up to city officials and elected county officials, but nothing was done to solve the problem. After two to three years of the source burning molded grain, a complaint was filed

with the County Health Department. The Department investigated the matter and advised the source that further burning of molded grain was not allowed.

Response to Comment 2:

According to the comment, this matter was resolved by the County Health Department advising the source that further burning of molded grain was not allowed. Also, the FESOP does not allow open burning, pursuant to Condition C.4.

Comment 3:

Judith and Glen VanCamp noted that the source's construction permit required that oil be added as a dust suppressant, but that this permit does not require the addition of oil. They question why this requirement was not included. They also noted that there is so much dust in the air that doors and windows in residents' homes cannot be open and clothes cannot be hung out to dry. They went on to state that, in November, they had relatives visiting from Texas who got excited when they thought it was snowing. They explained to their relatives that it was not snow. It was "stuff" drifting over from Central States. They feel that the grain elevator is not doing enough to control emissions.

Response to Comment 3:

The requirement to add oil is not included in this operating permit because oil addition should not be necessary to ensure adequate particulate control. The receiving area is controlled by a baghouse which ensures compliance with the applicable regulations [326 IAC 2-8 (FESOP), 326 IAC 2-2 (Prevention of Significant Deterioration), 40 CFR 60, Subpart DD, and 326 IAC 6-3-2 (Particulate Emission Limitations for Manufacturing Processes)]. Additionally, adding oil in the receiving area plugs the baghouse filters which results in the reduction of control efficiency. However, IDEM is forwarding the VanCamp's letter to the appropriate compliance inspector for further review of these issues.

Comment 4:

Judith and Glen VanCamp noted that when the plant operates at high capacity, there are times when the noise and vibration are above acceptable levels, even inside their closed home.

Response to Comment 4:

IDEM OAQ does not regulate noise. However, the commenter may want to call the local law enforcement because these events may violate local noise ordinances.

Comment 5:

Judith and Glen VanCamp noted that since the source began operation, several residents have developed respiratory problems and allergies that they did not have before. The VanCamp's are concerned that even the smallest HAP emissions can cause health problems, such as cancer. Judith and Glen VanCamp urged stricter enforcement of Central State's operating permit and closer observation of their business practices.

Response to Comment 5:

IDEM inspects the source to determine compliance with the permit requirements. Additionally, the source is required to send in reports on a regular basis to ensure compliance. IDEM requests that the general public aid in observing source compliance. IDEM cannot have a constant presence at the source to police it. Thus, IDEM and the general public must work together to ensure that sources comply with all applicable state and federal requirements. Copies of the permit applications and permits are made public for this reason. IDEM is forwarding your letter to the appropriate compliance inspector for further review of these issues.

On March 31, 2003, Central States Enterprises, Inc. submitted comments on the proposed FESOP. The summary of the comments is as follows. Text with a line through it has been removed and bold text has been added.

Comment 1:

The source noted that the FESOP limit in Condition D.1.3(b) was not stated correctly. The limit should read "grain loaded from silos to trucks via gravity" not "grain loaded from trucks to silos via gravity" as the permit currently states. They would like this error corrected in Condition D.1.3(b), the Quarterly Report, and the TSD.

Response to Comment 1:

IDEM, OAQ prefers that the Technical Support Document reflect the permit that was on public notice. Changes to the permit or technical support material that occur after the public notice are documented in this Addendum to the Technical Support Document. This accomplishes the desired result of ensuring that these types of concerns are documented and part of the record regarding this permit decision. Therefore no change was made to the TSD. However, Condition D.1.3(b) and the Quarterly Report were changed. The corrections are described below. Changes made elsewhere in this addendum are also shown here.

D.1.3 PM and PM10 Emission Limitations [326 IAC 2-8] [326 IAC 2-2] ~~[40 CFR 52.24]~~

- (b) The grain loaded ~~directly~~ from the ~~trucks~~ **silos** to the ~~silos~~ **trucks** via gravity shall not exceed 9,000 tons per twelve (12) consecutive month period with compliance determined at the end of each month.

**INDIANA DEPARTMENT OF ENVIRONMENTAL MANAGEMENT
OFFICE OF AIR QUALITY
COMPLIANCE DATA SECTION**

FESOP Quarterly Report

Source Name:	Central States Enterprises, Inc.
Source Address:	6627 N 400 E, Montpelier, Indiana 47359
Mailing Address:	P.O. Box 323, New Haven, Indiana 46774
FESOP No.:	F009-16953-00021
Facility:	Silo Loading by Truck
Parameter:	Grain Throughput
Limit:	The grain loaded directly from the trucks silos to the silos trucks via gravity shall not exceed 9,000 tons per twelve (12) consecutive month period with compliance determined at the end of each month.

Comment 2:

The source requested that paragraph (c), which references the use of oil in the receiving area, under State Rule Applicability - Grain Elevator in the TSD be removed since the source does not use oil in the receiving area. Additionally, the source can meet the FESOP limit without any additional control other than the baghouse.

Response to Comment 2:

IDEM, OAQ prefers that the Technical Support Document reflect the permit that was on public notice. Changes to the permit or technical support material that occur after the public notice are documented in this Addendum to the Technical Support Document. This accomplishes the desired result of ensuring that these types of concerns are documented and part of the record regarding this permit decision. Therefore no change was made to the TSD. However, IDEM, OAQ agrees that paragraph (c) under State Rule Applicability - Grain Elevator should be removed as IDEM, OAQ is not requiring the use of oil to control particulate emissions.

Comment 3:

The source noted that the maximum storage capacities of the insignificant tanks were incorrect. The capacity of the gasoline storage tank is 500 gallons and the capacity of the diesel fuel storage tank is 550 gallons. They requested that this error be fixed in the Section A and Section D.2 of the permit and in the TSD.

Response to Comment 3:

IDEM, OAQ prefers that the Technical Support Document reflect the permit that was on public notice. Changes to the permit or technical support material that occur after the public notice are documented in this Addendum to the Technical Support Document. This accomplishes the desired result of ensuring that these types of concerns are documented and part of the record regarding this permit decision. Therefore no change was made to the TSD. However, the following changes were made to the permit to correct the storage capacity errors.

A.3 Insignificant Activities [326 IAC 2-7-1(21)] [326 IAC 2-8-3(c)(3)(I)]

This stationary source also includes the following insignificant activities, as defined in 326 IAC 2-7-1(21):

- (d) Storage tanks with capacities less than or equal to 1,000 gallons and annual throughputs less than 12,000 gallons:
 - (1) One (1) gasoline storage tank with a maximum capacity of ~~550~~ **500** gallons.
 - (2) One (1) diesel fuel storage tank with a maximum capacity of ~~4000~~ **550** gallons.

SECTION D.3 FACILITY OPERATION CONDITIONS

Facility Description [326 IAC 2-8-4(10)]: Insignificant Activities

...

- (d) Storage tanks with capacities less than or equal to 1,000 gallons and annual throughputs less than 12,000 gallons:
 - (1) One (1) gasoline storage tank with a maximum capacity of ~~550~~**500** gallons.
 - (2) One (1) diesel fuel storage tank with a maximum capacity of ~~4000~~ **550** gallons.
- (e) A gasoline fuel transfer and dispensing operation handling less than or equal to 1,300 gallons per day, such as filling of tanks, locomotives, automobiles, having a storage capacity less than or equal to 10,500 gallons
- (f) A petroleum fuel, other than gasoline, dispensing facility, having a storage capacity of less than or equal to 10,500 gallons, and dispensing less than or equal to 230,000 gallons per month.
- (g) Application of oils, greases, lubricants or other nonvolatile materials applied as temporary protective coatings.
- (h) Underground conveyors.

(The information describing the process contained in this facility description box is descriptive information and does not constitute enforceable conditions.)

Upon further review, IDEM, OAQ, made the following changes to the permit. Text with a line through it has been removed and bold text has been added. The Table of Contents was updated as needed.

1. On March 3, 2003, U.S. EPA published a notice for "Conditional Approval of Implementation Plan: Indiana" in Federal Register / Vol. 68, No. 21 at pages 9892 through 9895. This notice grants conditional approval to the PSD State Implementation Plan (SIP) under provisions of 40 CFR 51.166 and 40 CFR 52.770 while superceding the delegated PSD SIP authority under 40 CFR 52.793. The effective date for these provisions is April 2, 2003. Therefore, the PSD minor limits will be placed in the permit under the authority of 326 IAC 2-2, not 40 CFR 52.21. The following change was made to the permit to reflect this. Changes made elsewhere in this addendum are also shown here.

D.1.3 PM and PM10 Emission Limitations [326 IAC 2-8] [326 IAC 2-2] ~~[40 CFR 52.21]~~

- (a) The grain throughput received, processed, stored, and shipped by the grain elevator shall not exceed 900,000 tons per twelve (12) consecutive month period with compliance determined at the end of each month.
- (b) The grain loaded ~~directly~~ from the ~~trucks~~ **silos** to the ~~silos~~ **trucks** via gravity shall not exceed 9,000 tons per twelve (12) consecutive month period with compliance determined at the end of each month.
- (c) The PM emissions from the red truck unloading bay (TD1), yellow truck/rail unloading bay (TD2), and truck/rail loading bay (Shipping) shall not exceed 21.16 pounds per hour, combined, and the PM10 emissions from the red truck unloading bay (TD1), yellow

truck/rail unloading bay (TD2), and truck/rail loading bay (Shipping) shall not exceed 14.05 pounds per hour, combined.

These limitations are equivalent to emissions of 221.47 tons of PM and 93.77 tons of PM10 per year from the red truck unloading bay, identified as TD1, yellow truck/rail unloading bay, identified as TD2, truck/rail loading bay, identified as Shipping, natural gas-fired column grain dryer, identified as Dryer, and the silo and storage pile loading operations, combined. This limit is structured such that, when including the emissions from insignificant combustion sources and fugitive emissions, the source total PM emissions remain less than two hundred fifty (250) tons per year and the source total PM10 emissions remain less than one hundred (100) tons per year. Compliance with these limitations will render the requirements of 326 IAC 2-7 (Part 70 Permit Program); **and** 326 IAC 2-2 (Prevention of Significant Deterioration); ~~and 40 CFR 51.21~~ not applicable.

Indiana Department of Environmental Management Office of Air Quality

Technical Support Document (TSD) for a Federally Enforceable State Operating Permit (FESOP)

Source Background and Description

Source Name: Central States Enterprises, Inc.
Source Location: 6627 N 400 E, Montpelier, Indiana 47359
County: Blackford
SIC Code: 5153
Operation Permit No.: F009-16953-00021
Permit Reviewer: ERG/KC

The Office of Air Quality (OAQ) has reviewed a FESOP application from Central States Enterprises, Inc. relating to the operation of a grain elevator.

Permitted Emission Units and Pollution Control Equipment

The source consists of the following permitted emission units and pollution control devices:

One (1) grain elevator, comprised of the following equipment:

- (a) One (1) red truck unloading bay, identified as TD1, one (1) yellow truck/rail unloading bay, identified as TD2, and one (1) truck/rail loading bay, identified as Shipping, each constructed in 1997, each with a maximum capacity of 630 tons per hour, with emissions controlled by one (1) baghouse, and all exhausting to stack S-1.
- (b) One (1) natural gas-fired column grain dryer, identified as Dryer, constructed in 1997, with a 0.078 inch screen, a maximum throughput of 150 tons per hour, and a maximum heat input of 20 million British thermal units per hour, and exhausting to stack S-2.
- (c) Headhouse, legs, and internal operations, constructed in 1997, with emissions uncontrolled.

Unpermitted Emission Units and Pollution Control Equipment

There are no unpermitted facilities operating at this source during this review process.

New Emission Units and Pollution Control Equipment Receiving New Source Review Approval

There are no new emission units and pollution control equipment receiving new source review approval at this source during this review process.

Insignificant Activities

The source also consists of the following insignificant activities, as defined in 326 IAC 2-7-1(21):

- (a) Paved and unpaved roads and parking lots with public access [326 IAC 6-4][326 IAC 6-5].

- (b) Activities with emissions equal to or less than the following thresholds: 5 tons per year PM or PM10, 10 tons per year SO₂, NO_x, or VOC, 0.2 tons per year Pb, 1.0 tons per year of a single HAP, or 2.5 tons per year of any combination of HAPs:
 - (1) Thirteen (13) storage silos, identified as Silo 10, 11, 20, 21, 22, 30, 31, 32, 33, 34, 35, 36, and 42, constructed in 1997, 1997, 1997, 1997, 1997, 1997, 1997, 1997, 1997, 1999, 2002, 2002, and 2003, respectively, with maximum capacities of 60,000, 60,000, 3,480, 23,760, 60,000, 15,240, 23,760, 23,760, 23,760, 60,000, 78,000, 78,000, and 180,000 tons, respectively, and all exhausting through stack S-3 [326 IAC 6-3-2].
 - (2) Totally enclosed internal operations including all grain elevators and transfer points.
 - (3) One (1) mineral oil storage tank with a capacity of 10,000 gallons.
 - (4) Storage piles, identified as pile XT2 and XT3.
- (c) Natural gas-fired combustion sources with heat input equal to or less than ten million (10,000,000) British thermal units per hour:
 - (1) Three (3) natural gas-fired space heaters, each with a maximum capacity of 0.024 million British thermal units per hour.
 - (2) Two (2) natural gas-fired space heaters, each with a maximum capacity of 0.20 million British thermal units per hour.
 - (3) Two (2) natural gas-fired space heaters, each with a maximum capacity of 0.11 million British thermal units per hour.
- (d) Storage tanks with capacities less than or equal to 1,000 gallons and annual throughputs less than 12,000 gallons:
 - (1) One (1) gasoline storage tank with a maximum capacity of 550 gallons.
 - (2) One (1) diesel fuel storage tank with a maximum capacity of 1000 gallons.
- (e) A gasoline fuel transfer and dispensing operation handling less than or equal to 1,300 gallons per day, such as filling of tanks, locomotives, automobiles, having a storage capacity less than or equal to 10,500 gallons
- (f) A petroleum fuel, other than gasoline, dispensing facility, having a storage capacity of less than or equal to 10,500 gallons, and dispensing less than or equal to 230,000 gallons per month.
- (g) Application of oils, greases, lubricants or other nonvolatile materials applied as temporary protective coatings.
- (h) Underground conveyors.

Existing Approvals

The source has constructed and has been operating under the following previous approvals:

CP009-7013-00021, issued March 17, 1997

All terms and conditions of previous permits issued pursuant to permitting programs approved into the state implementation plan have been either incorporated as originally stated, revised, or deleted by this permit. All previous registrations and permits are superseded by this permit:

The following terms and conditions from previous approvals have been determined no longer applicable; therefore, they were not incorporated into this FESOP permit:

All construction conditions from all previously issued permits.

Reason Not Incorporated: All facilities previously permitted have already been constructed; therefore, the construction conditions are no longer necessary as part of the operating permit. Any facilities that were previously permitted but have not yet been construction would need new pre-construction approval before beginning construction.

Condition 12 of CP009-7013-00021, issued March 17, 1997. This condition requires that oil be added in the receiving area as a dust suppressant at a rate of 0.02% of material received by weight application.

Reason Not Included: This condition is no longer necessary to ensure adequate particulate control. The receiving area is already controlled by a baghouse which ensures compliance with 326 IAC 2-8 (FESOP), 326 IAC 2-2 (Prevention of Significant Deterioration), 40 CFR 52.21, 40 CFR 60, Subpart DD, and 326 IAC 6-3-2. Additionally, adding oil in the receiving area plugs the baghouse filters.

The following terms and conditions from previous approvals have been revised in this FESOP:

Conditions 8, 9, and 10 of CP009-7013-00021, issued March 17, 1997. These conditions provide pound per hour PM emission limitations pursuant to 326 IAC 6-3-2.

Reason For Revision: The pound per hour limitations pursuant to 326 IAC 6-3-2 in CP009-7013-00021, issued March 17, 1997, are incorrect. They were revised in this permit to use the correct process weight rates.

Enforcement Issue

- (a) IDEM is aware that the source was constructed in 1997 and failed to submit a Part 70 or FESOP application within twelve (12) months of becoming subject to the Part 70 program.
- (b) IDEM is reviewing this matter and will take appropriate action. This proposed permit is intended to satisfy the requirements of the operation permit rules.

Recommendation

The staff recommends to the Commissioner that the FESOP be approved. This recommendation is based on the following facts and conditions:

Unless otherwise stated, information used in this review was derived from the application and additional information submitted by the applicant.

An administratively complete FESOP application for the purposes of this review was received on December 26, 2002.

There was no notice of completeness letter mailed to the source.

Emission Calculations

See Appendix A (pages 1 through 3) of this document for detailed emissions calculations.

Potential To Emit

Pursuant to 326 IAC 2-1.1-1(16), Potential to Emit is defined as “the maximum capacity of a stationary source to emit any air pollutant under its physical and operational design. Any physical or operational limitation on the capacity of a source to emit an air pollutant, including air pollution control equipment and restrictions on hours of operation or type or amount of material combusted, stored, or processed shall be treated as part of its design if the limitation is enforceable by the U.S. EPA.”

This table reflects the PTE before controls. Control equipment is not considered federally enforceable until it has been required in a federally enforceable permit.

Pollutant	Unrestricted Potential Emissions (tons/yr)
PM	1,787.36
PM-10	561.60
SO ₂	0.05
VOC	0.50
CO	7.61
NO _x	9.06

Note: For the purpose of determining Title V applicability for particulates, PM-10, not PM, is the regulated pollutant in consideration.

HAP's	Unrestricted Potential Emissions (tons/yr)
Benzene	Negligible
Dichlorobenzene	Negligible
Formaldehyde	Negligible
Hexane	0.16
Toluene	Negligible
Lead	Negligible
Cadmium	Negligible
Chromium	Negligible
Manganese	Negligible
Nickel	Negligible
TOTAL	0.16

Note: Negligible indicates emissions less than 0.01 tons per year.

- (a) The potential to emit (as defined in 326 IAC 2-1.1-1(16)) of PM10 is equal to or greater than 100 tons per year. Therefore, the source is subject to the provisions of 326 IAC 2-7.
- (b) Fugitive Emissions
Since there are applicable New Source Performance Standards that were in effect on August 7, 1980, fugitive emissions are counted toward the determination of PSD applicability.

Potential to Emit After Issuance

The table below summarizes the potential to emit, reflecting all limits, of the significant emission units after controls. The control equipment is considered federally enforceable only after issuance of this FESOP.

Process/emission unit	Potential to Emit After Issuance (tons/year)						
	PM	PM-10	SO ₂	VOC	CO	NO _x	HAPs
Combustion (including the dryer and insignificant activities)	0.17	0.69	0.05	0.50	7.61	9.06	0.16
Stack S-1*: Red Truck Unloading Bay (TD1), Yellow Truck/Rail Unloading Bay (TD2), and Truck/Rail Loading Bay (Shipping); Stack S-2: Dryer**, Silo/Pile Loading, Headhouse, legs, and internal handling	221.47 (326 IAC 2-2)	93.77 (326 IAC 2-2 and 326 IAC 2-8)	0	0	0	0	0
Fugitive Emissions	28.34	5.53	0	0	0	0	0
Total PTE After Issuance	Less than 250	Less than 100	0.05	0.5	7.61	9.06	0.16

*Note that the red truck unloading bay (TD1), yellow truck/rail unloading bay (TD2), and truck/rail loading bay (Shipping) also have a PM emission limit of 21.00 pounds per hour, combined.

**Note that the combustion emissions from the dryer are included in the first row of this table labeled Combustion.

County Attainment Status

The source is located in Blackford County.

Pollutant	Status
PM-10	Attainment
SO ₂	Attainment
NO ₂	Attainment
Ozone	Attainment
CO	Attainment
Lead	Attainment

- (a) Volatile organic compounds (VOC) are precursors for the formation of ozone. Therefore, VOC emissions are considered when evaluating the rule applicability relating to the ozone standards. Blackford County has been designated as attainment or unclassifiable for ozone. Therefore, VOC emissions were reviewed pursuant to the requirements for Prevention of Significant Deterioration (PSD), 326 IAC 2-2, and 40 CFR 52.21.
- (b) Blackford County has been classified as attainment or unclassifiable for all criteria pollutants. Therefore, these emissions were reviewed pursuant to the requirements for Prevention of Significant Deterioration (PSD), 326 IAC 2-2, and 40 CFR 52.21.
- (c) Fugitive Emissions
Since there are applicable New Source Performance Standards that were in effect on August 7, 1980, fugitive emissions are counted toward determination of PSD applicability.

Federal Rule Applicability

- (a) The red truck unloading bay, identified as TD1, yellow truck/rail unloading bay, identified as TD2, truck/rail loading bay, identified as Shipping, natural gas-fired column grain dryer, identified as Dryer, and all grain handling operations are subject to the requirements of 40 CFR 60, Subpart DD (Standards of Performance for Grain Elevators) because they were constructed after August 3, 1978 and the grain elevator has a

storage capacity greater than 2.5 million bushels. Pursuant to 40 CFR 60.302, the Permittee shall comply with the following requirements:

- (1) The particulate matter emissions from the red truck unloading bay, identified as TD1, yellow truck/rail unloading bay, identified as TD2, and truck/rail loading bay, identified as Shipping, shall not exceed 0.01 grains per dry standard cubic foot (gr/dscf).
- (2) The red truck unloading bay, identified as TD1, yellow truck/rail unloading bay, identified as TD2, and truck/rail loading bay, identified as Shipping, shall not exhibit greater than zero percent (0%) opacity from the stack.
- (3) The red truck unloading bay, identified as TD1, the yellow truck/rail unloading bay, identified as TD2, and the rail loading bay, identified as Shipping, shall not exhibit greater than five percent (5%) opacity from fugitive emissions.
- (4) The truck loading bay, identified as Shipping, shall not exhibit greater than five percent (5%) opacity from fugitive emissions.

Note that the grain dryer, identified as Dryer, has a 0.078 inch screen. Since the screen diameter is less than 0.094 inches, the dryer is not subject to the zero percent (0%) opacity limit of 40 CFR 60.302(a).

- (b) The insignificant gasoline and diesel fuel storage tanks are not subject to the requirements of 40 CFR 60, Subpart Kb (Standards of Performance for Volatile Organic Liquid Storage Vessels (Including Petroleum Liquid Storage Vessels) For Which Construction, Reconstruction, or Modification Commenced After July 23, 1984) even though these tanks were constructed after July 23, 1984 because these tanks do not have capacities greater than 40 cubic meters.
- (c) There are no National Emission Standards for Hazardous Air Pollutants (NESHAPs) (326 IAC 14 and 40 CFR Part 63) applicable to this source.
- (d) This source is not subject to the provisions of 40 CFR 64, Compliance Assurance Monitoring. In order for this rule to apply, a pollutant specific emissions unit (PSEU) must meet three criteria for a given pollutant: 1) the unit is subject to an emission limitation or standard for the applicable regulated air pollutant, 2) the unit uses a control device to achieve compliance with any such emission limitation or standard, and, 3) the unit has potential pre-control device emissions of the applicable regulated air pollutant that are equal to or greater than 100 percent of the amount required for a source to be classified as a major source. Additionally, the source would have to be receiving a Part 70 permit. This source is not receiving a Part 70 permit and is therefore not subject to CAM.
- (e) The requirements of Section 112(j) of the Clean Air Act (40 CFR Part 63.50 through 63.56) are not applicable to this source because the source does not include one or more units that belong to one or more source categories affected by the Section 112(j) MACT Hammer date of May 15, 2002 and this source does not have the potential to emit ten (10) tons per year of a single HAP or twenty-five (25) tons per year of any combination of HAPs.

State Rule Applicability - Entire Source

326 IAC 2-2 (Prevention of Significant Deterioration)

This source is not one (1) of the twenty-eight (28) listed source categories and it was constructed in 1997 which is after the PSD rules were implemented. Upon construction, the

source had the potential to emit greater than two hundred fifty (250) tons per year of both PM and PM10 and therefore, 326 IAC 2-2 should have been addressed. However, the permit limited PM, pursuant to the 326 IAC 6-3-2 limitations in the permit, to less than two hundred fifty (250) tons per year. Additionally, the permit required the use of the baghouse at all times when the receiving, shipping, or internal operations were in operation. This requirement limited PM10 emissions to less than two hundred fifty (250) tons per year. Therefore a retroactive PSD analysis is not necessary.

During the permitting process for this FESOP, the Permittee requested the following limitations:

- (a) The grain throughput received, processed, stored, and shipped by the grain elevator shall not exceed 900,000 tons per twelve (12) consecutive month period with compliance determined at the end of each month.
- (b) The grain loaded directly from the trucks to the silos via gravity shall not exceed 9,000 tons per twelve (12) consecutive month period with compliance determined at the end of each month.
- (c) The PM emissions from the red truck unloading bay (TD1), yellow truck/rail unloading bay (TD2), and truck/rail loading bay (Shipping) shall not exceed 21.16 pounds per hour, combined, and the PM10 emissions from the red truck unloading bay (TD1), yellow truck/rail unloading bay (TD2), and truck/rail loading bay (Shipping) shall not exceed 14.05 pounds per hour, combined.

These limitations are equivalent to emissions of 221.47 tons of PM and 93.77 tons of PM10 per year from the red truck unloading bay, identified as TD1, yellow truck/rail unloading bay, identified as TD2, truck/rail loading bay, identified as Shipping, natural gas-fired column grain dryer, identified as Dryer, and the silo and storage pile loading operations, combined. This limit is structured such that, when including the emissions from insignificant combustion sources and fugitive emissions, the source total PM and PM10 emissions remain less than two hundred fifty (250) tons per year. Compliance with these limitations will ensure PSD minor status.

326 IAC 2-4.1 (Major Sources of Hazardous Air Pollutants)

This source is not subject to the requirements of 326 IAC 2-4.1 (Major Sources of Hazardous Air Pollutants) even though it was constructed after July 27, 1997, the applicability date of this rule, because it does not have the potential to emit ten (10) tons per year of a single HAP or twenty-five (25) tons per year of any combination of HAPs.

326 IAC 2-6 (Emission Reporting)

This source is subject to 326 IAC 2-6 (Emission Reporting) because it is located in Blackford County and it has the potential to emit more than one hundred (100) tons per year of PM. Pursuant to this rule, the owner/operator of the source must submit an emission statement for the source. The statement must be received in accordance with the compliance schedule specified in 326 IAC 2-6 and contain the minimum requirement as specified in 326 IAC 2-6-4. The submittal should cover the period defined in 326 IAC 2-6-2(8).

326 IAC 2-8 (FESOP)

The Permittee shall comply with the following limitations:

- (a) The grain throughput received, processed, stored, and shipped by the grain elevator shall not exceed 900,000 tons per twelve (12) consecutive month period with compliance determined at the end of each month.
- (b) The grain loaded directly from the trucks to the silos via gravity shall not exceed 9,000 tons per twelve (12) consecutive month period with compliance determined at the end of each month.

- (c) The PM10 emissions from the red truck unloading bay (TD1), yellow truck/rail unloading bay (TD2), and truckrail loading bay (shipping) shall not exceed 14.05 pounds per hour, combined.

These limitations are equivalent to PM10 emissions of 93.77 tons per year, from the red truck unloading bay, identified as TD1, yellow truck/rail unloading bay, identified as TD2, truck/rail loading bay, identified as Shipping, natural gas-fired column grain dryer, identified as Dryer, and the silo and storage pile loading operations, combined. This limit is structured such that, when including the PM10 emissions from insignificant combustion sources and fugitive emissions, the source total PM10 emissions remain less than one hundred (100) tons per year. Compliance with these limitations will render the requirements of 326 IAC 2-7 (Part 70 Permit Program) not applicable.

326 IAC 5-1 (Opacity Limitations)

Pursuant to 326 IAC 5-1-2 (Opacity Limitations), except as provided in 326 IAC 5-1-3 (Temporary Alternative Opacity Limitations), opacity shall meet the following, unless otherwise stated in this permit:

- (a) Opacity shall not exceed an average of forty percent (40%) any one (1) six (6) minute averaging period as determined in 326 IAC 5-1-4.
- (b) Opacity shall not exceed sixty percent (60%) for more than a cumulative total of fifteen (15) minutes (sixty (60) readings as measured according to 40 CFR 60, Appendix A, Method 9 or fifteen (15) one (1) minute nonoverlapping integrated averages for a continuous opacity monitor) in a six (6) hour period.

State Rule Applicability - Grain Elevator (TD1, TD2, Shipping, Dryer, and Headhouse, Legs, and Internal Operations) and Storage Silos

326 IAC 6-3-2 (Particulate Emission Limitations for Manufacturing Processes)

- (a) Pursuant to 326 IAC 6-3-2 (Particulate Emission Limitations for Manufacturing Processes), the particulate emissions from the red truck unloading bay, identified as TD1, yellow truck/rail unloading bay, identified as TD2, truck/rail loading bay, identified as Shipping, and headhouse, legs and internal operations shall not exceed 71.76 pounds per hour, each, when operating at process weight rates of 630 tons per hour, each.
- (b) Pursuant to 326 IAC 6-3-2 (Particulate Emission Limitations for Manufacturing Processes), the particulate emissions from the grain dryer, identified as Dryer, shall not exceed 55.44 pounds per hour when operating at a process weight rate of 150 tons per hour in order for the source to be in compliance with 326 IAC 6-3-2.
- (c) Pursuant to CP009-7013-00021, issued March 17, 1997, and in order for the source to be in compliance with 326 IAC 6-3-2 oil shall be added in the receiving area as a dust suppressant at a rate of 0.02 percent by weight of material received.
- (d) Pursuant to 326 IAC 6-3-2 (Particulate Emission Limitations for Manufacturing Processes), the particulate emissions from the silo/pile loadout operations shall not exceed the listed pounds per hour emission limitations when operating at the listed process weight rates.

Silo/Pile	Process Weight Rate (ton/hr)	Particulate Emission Limitations (lb/hr)
10	6.85	14.88

11	6.85	14.88
20	0.4	2.22
21	2.71	8.00
22	6.85	14.88
30	1.74	5.94
31	2.71	8.00
32	2.71	8.00
33	2.71	8.00
34	6.85	14.88
35	8.90	17.74
36	8.90	17.74
42	20.55	31.07
XT2	15.76	26.01
XT3	15.76	26.01

These limitations were calculated using the following equations:

Interpolation of the data for the process weight rate up to sixty thousand (60,000) pounds per hour shall be accomplished by use of the equation:

$$E = 4.10 P^{0.67} \quad \text{where } E = \text{rate of emission in pounds per hour and} \\ P = \text{process weight rate in tons per hour}$$

and

Interpolation and extrapolation of the data for the process weight rate in excess of sixty thousand (60,000) pounds per hour shall be accomplished by use of the equation:

$$E = 55.0 P^{0.11} - 40 \quad \text{where } E = \text{rate of emission in pounds per hour and} \\ P = \text{process weight rate in tons per hour}$$

State Rule Applicability - Paved and Unpaved Roads and Parking Areas

326 IAC 6-4 (Fugitive Dust Emissions)

The Permittee shall not allow fugitive dust to escape beyond the property line or boundaries of the property, right-of-way, or easement on which the source is located, in a manner that would violate 326 IAC 6-4 (Fugitive Dust Emissions).

326 IAC 6-5 (Fugitive Particulate Matter Emission Limitations)

This source is subject to the requirements of 326 IAC 6-5 (Fugitive Particulate Matter Emission Limitations) because this source received a permit to construct after December 13, 1985 and this source has the potential to emit twenty-five (25) tons per year of fugitive particulate matter. Pursuant to 326 IAC 6-5, the Permittee shall control fugitive emissions through a Fugitive Dust Control Plan. The Permittee's Fugitive Dust Control Plan requires that the sweeping of the paved roads shall be performed on an as need basis.

State Rule Applicability - Insignificant Gasoline Storage Tank and Diesel Fuel Storage Tank

326 IAC 8-4-3 (Petroleum Liquid Storage Facilities)

The insignificant gasoline and diesel fuel storage tanks are not subject to the requirements of 326 IAC 8-4-3 (Petroleum Liquid Storage Facilities) because this source is located in Blackford County which is not listed in the applicability section for this rule and these storage tanks do not have capacities greater than 39,000 gallons.

326 IAC 8-9 (Volatile Organic Liquid Storage Vessels)

The insignificant gasoline and diesel fuel storage tanks are not subject to the requirements of 326 IAC 8-9 (Volatile Organic Liquid Storage Vessels) because they are not located in Clark, Floyd, Lake or Porter County.

Testing Requirements

No testing is required for this permit because no facility has the potential to emit greater than 40 percent of the source's total potential to emit, before controls, of PM or PM10. The source will demonstrate compliance with the FESOP limit through record keeping and reporting the grain throughput. Additionally, the compliance monitoring requirements will ensure that the baghouse on stack S-1 is operating properly.

Compliance Requirements

Permits issued under 326 IAC 2-8 are required to ensure that sources can demonstrate compliance with applicable state and federal rules on a more or less continuous basis. All state and federal rules contain compliance provisions, however, these provisions do not always fulfill the requirement for a more or less continuous demonstration. When this occurs IDEM, OAQ, in conjunction with the source, must develop specific conditions to satisfy 326 IAC 2-8-4. As a result, compliance requirements are divided into two sections: Compliance Determination Requirements and Compliance Monitoring Requirements.

Compliance Determination Requirements in Section D of the permit are those conditions that are found more or less directly within state and federal rules and the violation of which serves as grounds for enforcement action. If these conditions are not sufficient to demonstrate continuous compliance, they will be supplemented with Compliance Monitoring Requirements, also Section D of the permit. Unlike Compliance Determination Requirements, failure to meet Compliance Monitoring conditions would serve as a trigger for corrective actions and not grounds for enforcement action. However, a violation in relation to a compliance monitoring condition will arise through a source's failure to take the appropriate corrective actions within a specific time period.

1. The grain elevator has applicable compliance monitoring conditions as specified below:
 - (a) Once per shift visible emissions notations of stack S-1 and S-2 exhaust shall be performed during normal daylight operations. A trained employee will record whether emissions are normal or abnormal. For processes operated continuously "normal" means those conditions prevailing, or expected to prevail, eighty percent (80%) of the time the process is in operation, not counting startup or shut down time. In the case of batch or discontinuous operations, readings shall be taken during that part of the operation that would normally be expected to cause the greatest emissions. A trained employee is an employee who has worked at the plant at least one (1) month and has been trained in the appearance and characteristics of normal visible emissions for that specific process. The Compliance Response Plan for this unit shall contain troubleshooting contingency and response steps for when an abnormal emission is observed. Failure to take response steps in accordance with Section C - Compliance Response Plan -Preparation, Implementation, Records, and Reports, shall be considered a violation of this permit.

- (b) The Permittee shall record the total static pressure drop across the baghouse on Stack S-1 used in conjunction with the red truck unloading bay, identified as TD1, yellow truck/rail unloading bay, identified as TD2, and truck/rail loading bay, identified as Shipping, at least once per shift when the red truck unloading bay, identified as TD1, yellow truck/rail unloading bay, identified as TD2, and truck/rail loading bay, identified as Shipping, is in operation. When for any one reading, the pressure drop across the baghouse is outside the normal range of 1.0 and 6.0 inches of water or a range established during the latest stack test, the Permittee shall take reasonable response steps in accordance with Section C - Compliance Response Plan-Failure to Take Response Steps. A pressure reading that is outside the above mentioned range is not a deviation from this permit. Failure to take response steps in accordance with Section C - Compliance Response Plan - Preparation, Implementation, Records, and Reports, shall be considered a violation of this permit.

The instrument used for determining the pressure shall comply with Section C - Pressure Gauge and Other Instrument Specifications, of this permit, shall be subject to approval by IDEM, OAQ, and shall be calibrated at least once every six (6) months.

- (c) An inspection shall be performed during the last month of each calendar quarter of all bags controlling the red truck unloading bay, identified as TD1, yellow truck/rail unloading bay, identified as TD2, and truck/rail loading bay, identified as Shipping. All defective bags shall be replaced.
- (d) In the event that bag failure has been observed:
- (1) For multi-compartment units, the affected compartments will be shut down immediately until the failed units have been repaired or replaced. Operations may continue only if there are no visible emissions or if the event qualifies as an emergency and the Permittee satisfies the emergency provisions of this permit (Section B- Emergency Provisions). Within eight (8) business hours of the determination of failure, response steps according to the timetable described in the Compliance Response Plan shall be initiated. For any failure with corresponding response steps and timetable not described in the Compliance Response Plan, response steps shall be devised within eight (8) business hours of discovery of the failure and shall include a timetable for completion. Failure to take response steps in accordance with Section C - Compliance Response Plan - Preparation, Implementation, Records, and Reports, shall be considered a violation of this permit.
 - (2) For single compartment baghouses, if failure is indicated by a significant drop in the baghouse's pressure readings with abnormal visible emissions or the failure is indicated by an opacity violation, or if bag failure is determined by other means, such as gas temperatures, flow rates, air infiltration, leaks, dust traces or triboflows, then failed units and the associated process will be shut down immediately until the failed units have been repaired or replaced. Operations may continue only if the event qualifies as an emergency and the Permittee satisfies the requirements of the emergency provisions of this permit (Section B - Emergency Provisions).

These monitoring conditions are necessary because the baghouse on stack S-1 must operate properly to ensure compliance with 326 IAC 2-2 (Prevention of Significant

Deterioration), 40 CFR 52.21, 326 IAC 6-3-2 (Particulate Emission Limitations for Manufacturing Processes), 326 IAC 2-8 (FESOP), and 40 CFR 60, Subpart DD (Standards of Performance for Grain Elevators).

Conclusion

The operation of this grain elevator shall be subject to the conditions of the attached proposed FESOP F009-16953-00021.

Appendix A: Emissions Calculations

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Grain Elevator Emissions

Company Name: Central States Enterprises, Inc.
Address City IN Zip: 6627 N 400 E, Montpelier, Indiana 47359
Permit Number: 009-16953-00021
Pit ID: 009-00021
Reviewer: ERG/KC
Date: 01/14/2002

Process	PM Emission Factor (lb/ton)	PM10 Emission Factor (lb/ton)	Maximum Capacity (ton/hr)	Potential PM Emissions (ton/yr)	Potential PM10 Emissions (ton/yr)	Control Efficiency	Controlled Potential PM Emissions (ton/yr)	Controlled Potential PM10 Emissions (ton/yr)	Limited Capacity (ton/yr)**	Limited PM Emissions (ton/yr)	Limited PM10 Emissions (ton/yr)	Control Efficiency	Controlled Limited PM Emissions (ton/yr)	Controlled Limited PM10 Emissions (ton/yr)
Red Truck Unloading Bay (TD1)	0.18	0.059	630	496.69	162.80	99.2%	3.97	1.30	900,000	81	26.55	99.2%	0.65	0.21
Yellow Truck/Rail Unloading Bay (TD2)	0.18	0.059	630	496.69	162.80	99.2%	3.97	1.30	0	0	0	99.2%	0.00	0.00
Truck/Rail Loading Bay (Shipping)	0.086	0.029	630	237.31	80.02	99.2%	1.90	0.64	900,000	38.7	13.05	99.2%	0.31	0.10
Dryer	0.22	0.055	150	144.54	36.14	90.0%	14.45	3.61	900,000	99	24.75	90.0%	9.90	2.48
Headhouse and internal handling***	0	0	630	0.00	0.00	0.0%	0.00	0.00	900,000	0	0	0.0%	0.00	0.00
Silo 10 Loading*	0.05	0.0125	6.85	1.50	0.38	0.0%	1.50	0.38	900,000	22.50	5.63	0.0%	22.50	5.63
Silo 11 Loading*	0.05	0.0125	6.85	1.50	0.38	0.0%	1.50	0.38						
Silo 20 Loading*	0.05	0.0125	0.40	0.09	0.02	0.0%	0.09	0.02						
Silo 21 Loading*	0.05	0.0125	2.71	0.59	0.15	0.0%	0.59	0.15						
Silo 22 Loading*	0.05	0.0125	6.85	1.50	0.38	0.0%	1.50	0.38						
Silo 30 Loading*	0.05	0.0125	1.74	0.38	0.10	0.0%	0.38	0.10						
Silo 31 Loading*	0.05	0.0125	2.71	0.59	0.15	0.0%	0.59	0.15						
Silo 32 Loading*	0.05	0.0125	2.71	0.59	0.15	0.0%	0.59	0.15						
Silo 33 Loading*	0.05	0.0125	2.71	0.59	0.15	0.0%	0.59	0.15						
Silo 34 Loading*	0.05	0.0125	6.85	1.50	0.38	0.0%	1.50	0.38						
Silo 35 Loading*	0.05	0.0125	8.90	1.95	0.49	0.0%	1.95	0.49						
Silo 36 Loading*	0.05	0.0125	8.90	1.95	0.49	0.0%	1.95	0.49						
Silo 42 Loading*	0.05	0.0125	20.55	4.50	1.13	0.0%	4.50	1.13						
Silo 10 Loading by Truck	0.086	0.029	40.00	15.07	5.08	0.0%	15.07	5.08	9,000	0.39	0.13	0%	0.39	0.13
Silo 11 Loading by Truck	0.086	0.029	40.00	15.07	5.08	0.0%	15.07	5.08						
Silo 21 Loading by Truck	0.086	0.029	40.00	15.07	5.08	0.0%	15.07	5.08						
Silo 22 Loading by Truck	0.086	0.029	40.00	15.07	5.08	0.0%	15.07	5.08						
Pile XT2 Loading*	0.05	0.0125	15.76	3.45	0.86	0.0%	3.45	0.86	138,016	3.45	0.86	0.0%	3.45	0.86
Pile XT3 Loading*	0.05	0.0125	15.76	3.45	0.86	0.0%	3.45	0.86	138,016	3.45	0.86	0.0%	3.45	0.86
Total				1,459.65	468.13		108.71	33.22		248.49	71.83		40.65	10.27

METHODOLOGY

Emission factors are from AP-42 Table 9.9.1-1 (5/98) unless otherwise specified.

*No emission factor for Silo/Pilo Loading was included in AP-42 Chapter 9.9.1 (5/98). Therefore an emission factor for Silo/Pile loading from CP009-7013-00021 was used.

**Note that the limited capacity is 900,000 ton/yr (30,000,000 bushels/yr). This limit does not apply to the storage silos and piles which may still operate at maximum capacity.

***Note that PM and PM10 emissions from the headhouse and internal operations are considered to be zero as these operations are total enclosed.

Potential Emissions (ton/yr) = Emission Factor (lb/ton) * Maximum Capacity (ton/hr) / 2000 (lb/ton) * 8760 (hr/yr)

Controlled Emissions (ton/yr) = Potential Emissions (ton/yr) * (1-Control Efficiency)

Stack S-1 Baghouse Emissions

Air Flow Rate (acfm)	Outlet Grain Loading (gr/ascf)	Control Efficiency (%)	Potential PM/PM10 Emissions (ton/yr)	Controlled PM/PM10 Emissions (ton/yr)
48,000	0.0018	99.2%	405.46	3.24

Potential Emissions (ton/yr) = Air Flow Rate (acfm) * Outlet Grain Loading (gr/ascf) / 7000 (gr/lb) / 2000 (lb/ton) * 60 (min/hr) * 8760 (hr/yr) / (1-Control Efficiency)

Controlled Emissions (ton/yr) = Potential Emissions (ton/yr) * (1-Control Efficiency)